Rio Blanco Oil Shale Project

PROGRESS REPORT 10

GEOTECHNICAL DATA GATHERING PROJECT

HYDROLOGIC PROGRAM
SECTION 1.2
APPENDIX 6
Volume 7

To Area Oil Shale Supervisor
United States Geological Survey

by
Wright Water Engineers
for
[illegible] Oil Corporation
dard Oil Company (Indiana)

TN
859
.C64
R564
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no. 10
sect 1.2
App 6
v.7

PROGRESS REPORT #10

APPENDIX INDEX

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YELLOW CREEK NEAR

WHITE RIVER, COLORADO

UNIVERSITY OF COLORADO COMPUTING CENTER

SPSS - STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES

VERSION 6.5 (REVISED) -- JANUARY 1, 1977

```
RUN NAME        USGS 09306255 YELLOW CREEK NEAR WHITE RIVER
FILE NAME       USGSALL     TRACT C-A SURFACE WATER STATIONS
VARIABLE LIST   IDENT,TEMP,MCFS,ICFS,COND,DO,PH,CO2,ALK,HCO3,CO3,
                NH4,NO2,NO3,KJAN,NO2ANO3,PO4,OAPO4,TOTAP,PO4P,CN,SULFIDE,
                HARDNESS,NCHARD,CA,MG,NA,K,CL,SO4,F,SIO2,AS,BA,B,CD,CR,
                CU,FE,PB,MN,SR,ZN,LI,SE,TDS,TDSLOAD,HG
INPUT MEDIUM    CARD
N OF CASES      UNKNOWN
MISSING VALUES ALL (-9.0)
INPUT FORMAT    FIXED (2X,F8.0,6X,8F8.0/3(10F8.0/),9F8.0)
```

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
IDENT	F 8. 0	1	3- 10
TEMP	F 8. 0	1	17- 24
MCFS	F 8. 0	1	25- 32
ICFS	F 8. 0	1	33- 40
COND	F 8. 0	1	41- 48
DO	F 8. 0	1	49- 56
PH	F 8. 0	1	57- 64
CO2	F 8. 0	1	65- 72
ALK	F 8. 0	1	73- 80
HCO3	F 8. 0	2	1- 8
CO3	F 8. 0	2	9- 16
NH4	F 8. 0	2	17- 24
NO2	F 8. 0	2	25- 32
NO3	F 8. 0	2	33- 40
KJAN	F 8. 0	2	41- 48
NO2ANO3	F 8. 0	2	49- 56
PO4	F 8. 0	2	57- 64
OAPO4	F 8. 0	2	65- 72
TOTAP	F 8. 0	2	73- 80
PO4P	F 8. 0	3	1- 8
CN	F 8. 0	3	9- 16
SULFIDE	F 8. 0	3	17- 24
HARDNESS	F 8. 0	3	25- 32
NCHARD	F 8. 0	3	33- 40
CA	F 8. 0	3	41- 48
MG	F 8. 0	3	49- 56
NA	F 8. 0	3	57- 64

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
K	F 8. 0	3	65- 72
CL	F 8. 0	3	73- 80
SO4	F 8. 0	4	1- 8
F	F 8. 0	4	9- 16
SIO2	F 8. 0	4	17- 24
AS	F 8. 0	4	25- 32
BA	F 8. 0	4	33- 40
B	F 8. 0	4	41- 48
CD	F 8. 0	4	49- 56
CR	F 8. 0	4	57- 64
CU	F 8. 0	4	65- 72
FE	F 8. 0	4	73- 80
PB	F 8. 0	5	1- 8
MN	F 8. 0	5	9- 16
SR	F 8. 0	5	17- 24
ZN	F 8. 0	5	25- 32
LI	F 8. 0	5	33- 40
SE	F 8. 0	5	41- 48
TDS	F 8. 0	5	49- 56
TDSLOAD	F 8. 0	5	57- 64
HG	F 8. 0	5	65- 72

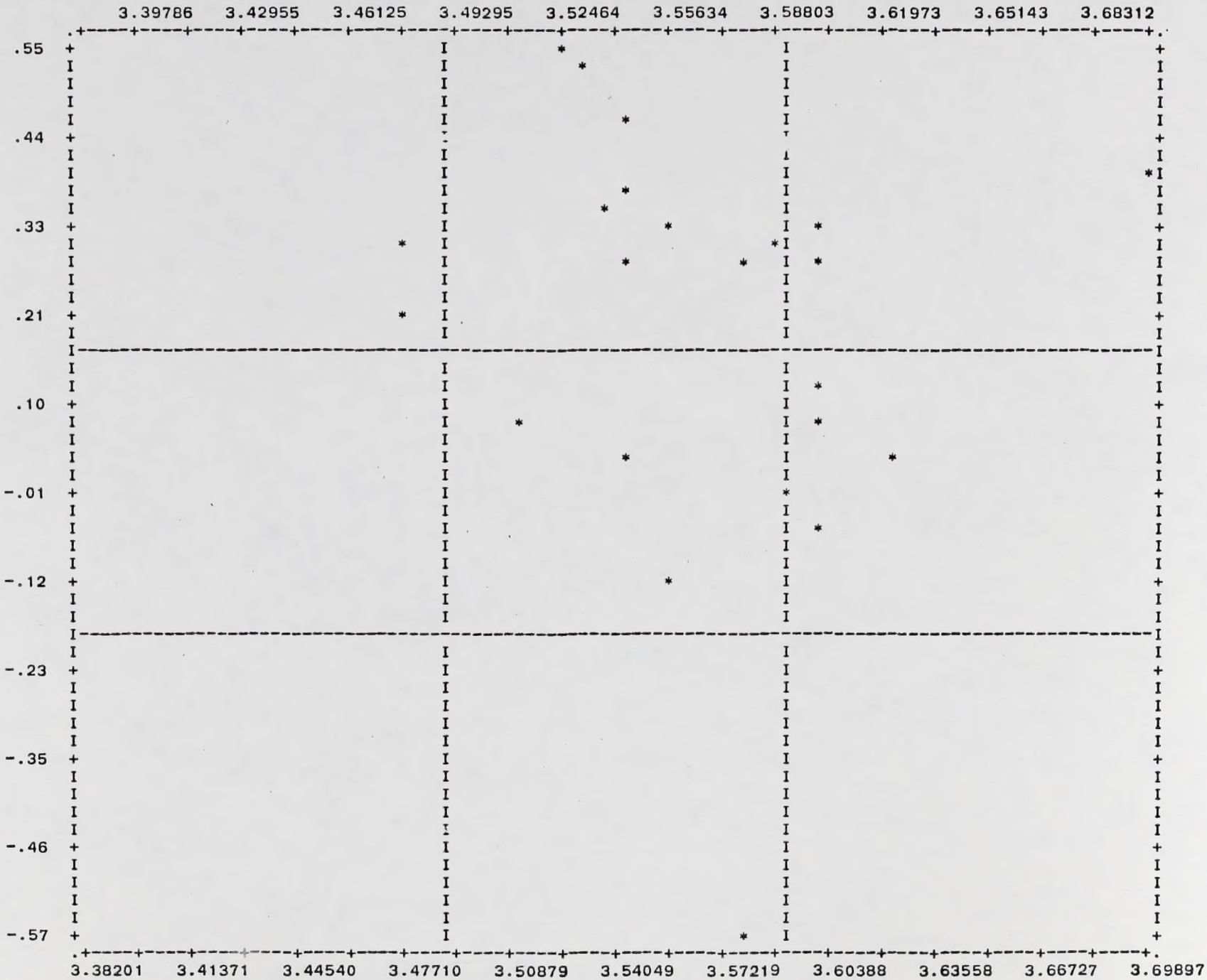
THE INPUT FORMAT PROVIDES FOR 48 VARIABLES. 48 WILL BE READ
IT PROVIDES FOR 5 RECORDS (*CARDS*) PER CASE. A MAXIMUM OF 80 *COLUMNS* ARE USED ON A RECORD.

```
PRINT FORMAT   IDENT(0),PH TO HG(4)
SCATTERGRAM    ICFS TO HG WITH COND
STATISTICS     ALL
READ INPUT DATA
```

GIVEN 45 VARIABLES, INITIAL CM ALLOWS FOR 398 CASES, MAXIMUM CM ALLOWS FOR 754 CASES.

END OF FILE ON FILE
AFTER READING 47 CASES FROM SUBFILE USGSALL

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) ICFS (ACROSS) COND

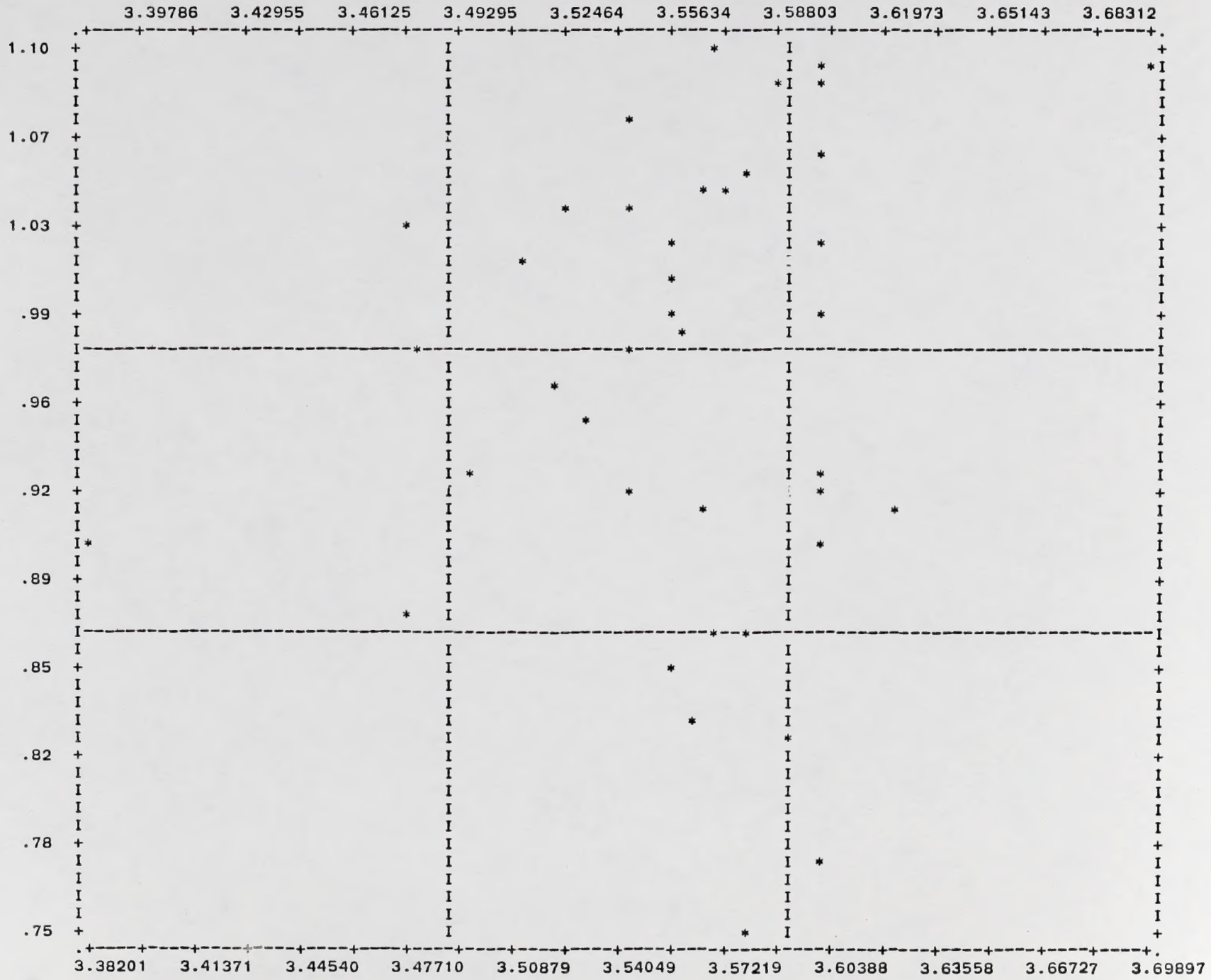


STATISTICS..

CORRELATION (R)-	-.16035	R SQUARED -	.02571	SIGNIFICANCE R -	.23243
STD ERR OF EST -	.24994	INTERCEPT (A) -	3.07702	STD ERROR OF A -	3.85624
SIGNIFICANCE A -	.21692	SLOPE (B) -	-.80495	STD ERROR OF B -	1.08128
SIGNIFICANCE B -	.23243				
PLOTTED VALUES -	23	EXCLUDED VALUES-	0	MISSING VALUES -	24

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) DO (ACROSS) COND

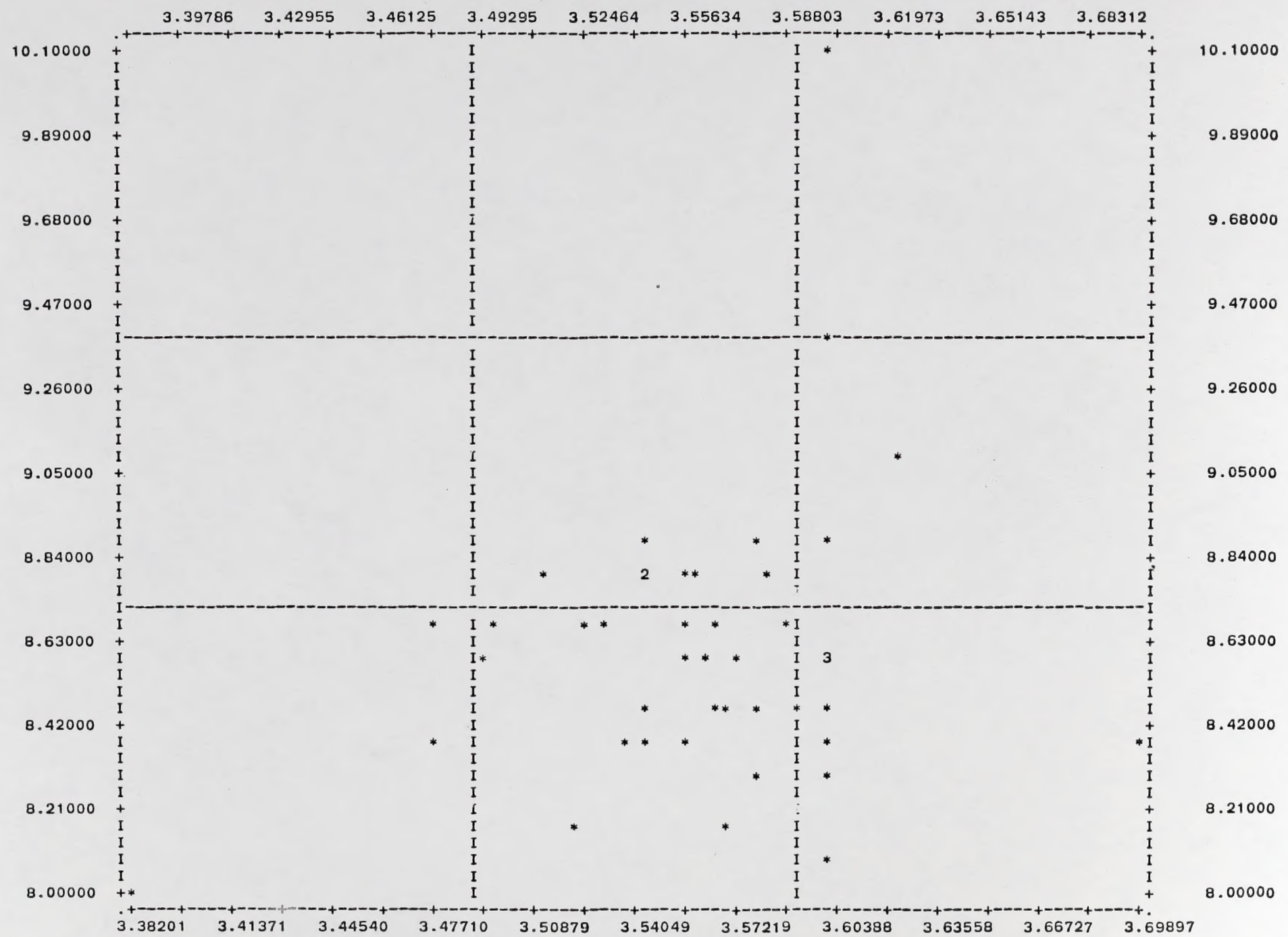


STATISTICS..

CORRELATION (R)-	.11562	R SQUARED -	.01337	SIGNIFICANCE R -	.23872
STD ERR OF EST -	.09174	INTERCEPT (A) -	.24992	STD ERROR OF A -	1.00699
SIGNIFICANCE A -	.40266	SLOPE (B) -	.20291	STD ERROR OF B -	.28279
SIGNIFICANCE B -	.23872				
PLOTTED VALUES -	40	EXCLUDED VALUES-	0	MISSING VALUES -	7

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) PH (ACROSS) COND

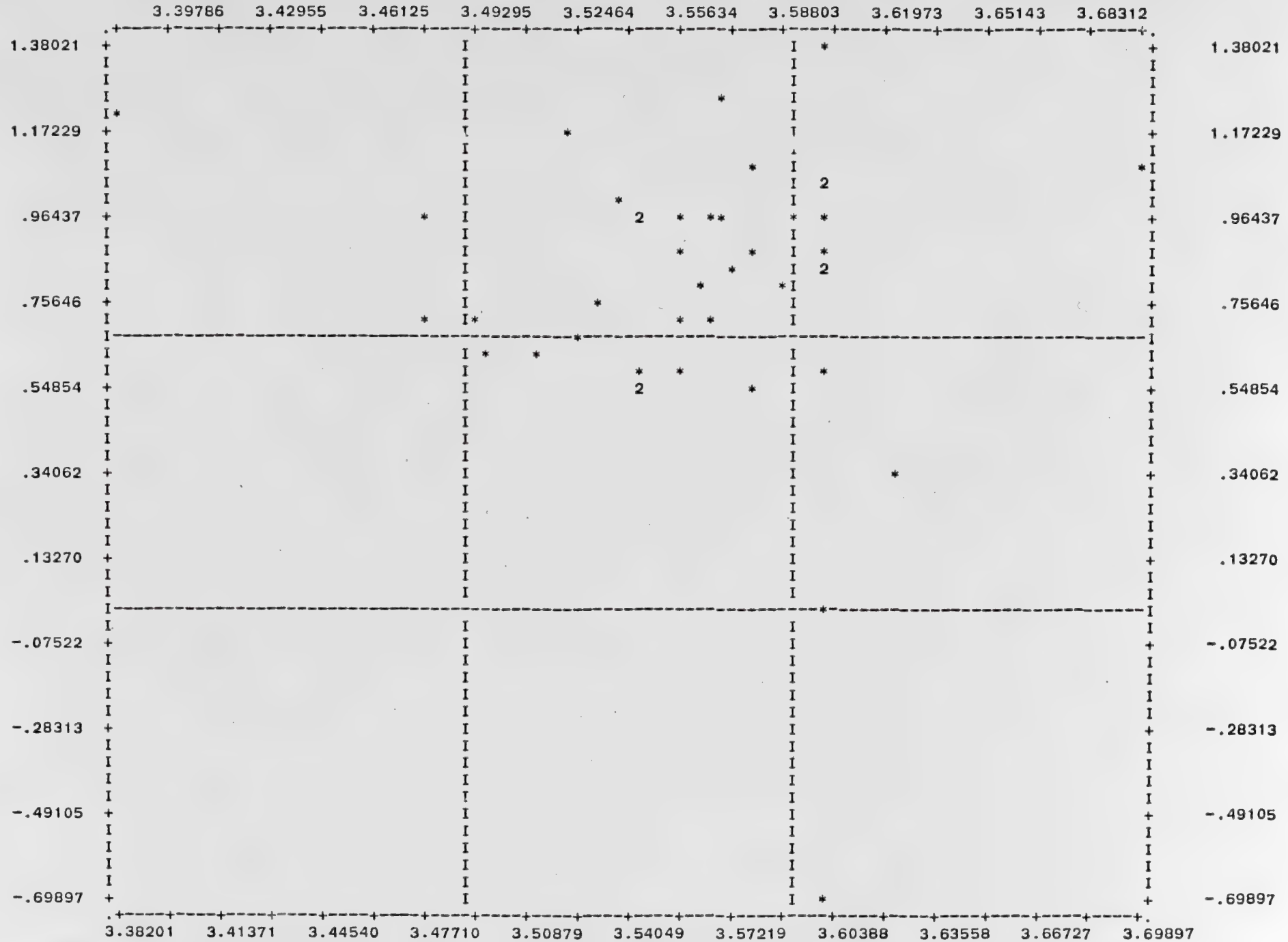


STATISTICS..

CORRELATION (R)-	.22816	R SQUARED -	.05206	SIGNIFICANCE R -	.06816
STD ERR OF EST -	.33899	INTERCEPT (A) -	3.00672	STD ERROR OF A -	3.70266
SIGNIFICANCE A -	.21067	SLOPE (B) -	1.57884	STD ERROR OF B -	1.03957
SIGNIFICANCE B -	.06816				
PLOTTED VALUES -	44	EXCLUDED VALUES-	0	MISSING VALUES -	3

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CO2 (ACROSS) COND

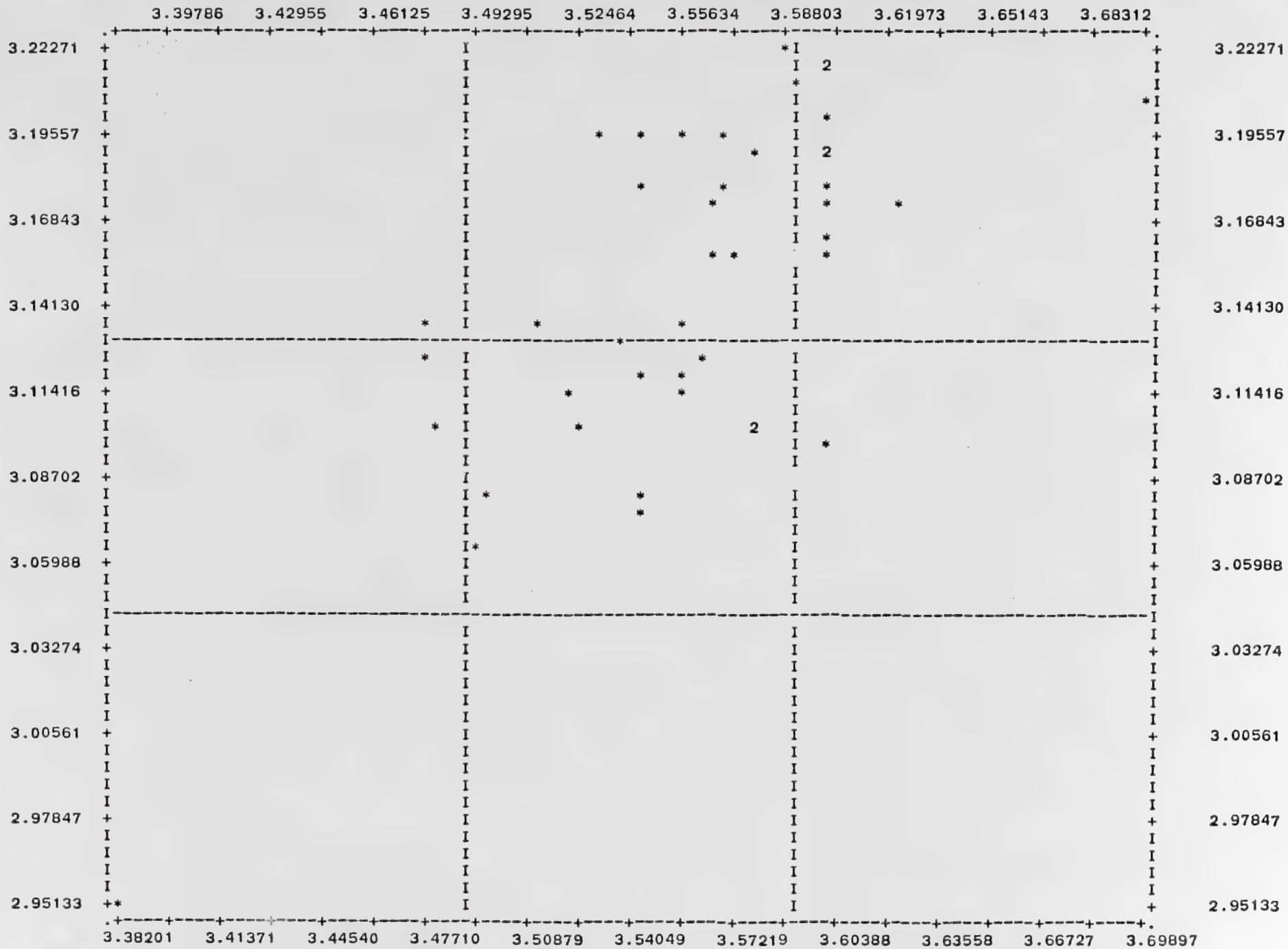


STATISTICS..

CORRELATION (R)-	-.11739	R SQUARED -	.01378	SIGNIFICANCE R -	.22954
STD ERR OF EST -	.35055	INTERCEPT (A) -	3.68582	STD ERROR OF A -	3.83727
SIGNIFICANCE A -	.17128	SLOPE (B) -	-.80553	STD ERROR OF B -	1.07750
SIGNIFICANCE B -	.22954				
PLOTTED VALUES -	42	EXCLUDED VALUES-	0	MISSING VALUES -	5

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) ALK (ACROSS) COND

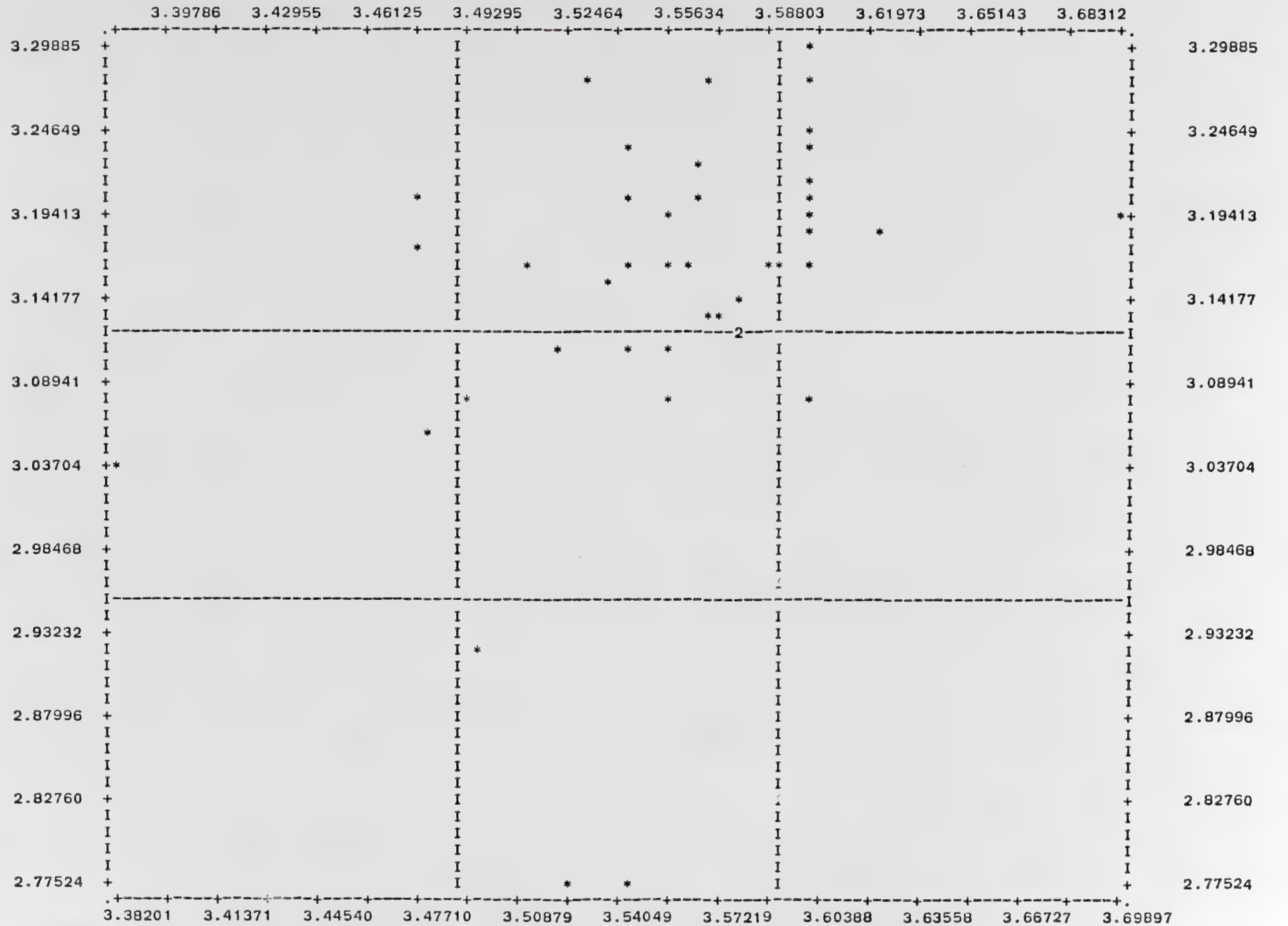


STATISTICS..

CORRELATION (R)-	.70664	R SQUARED -	.49934	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.03841	INTERCEPT (A) -	.54095	STD ERROR OF A -	.40810
SIGNIFICANCE A -	.09617	SLOPE (B) -	.73318	STD ERROR OF B -	.11466
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	43	EXCLUDED VALUES-	0	MISSING VALUES -	4

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) HCO3 (ACROSS) COND

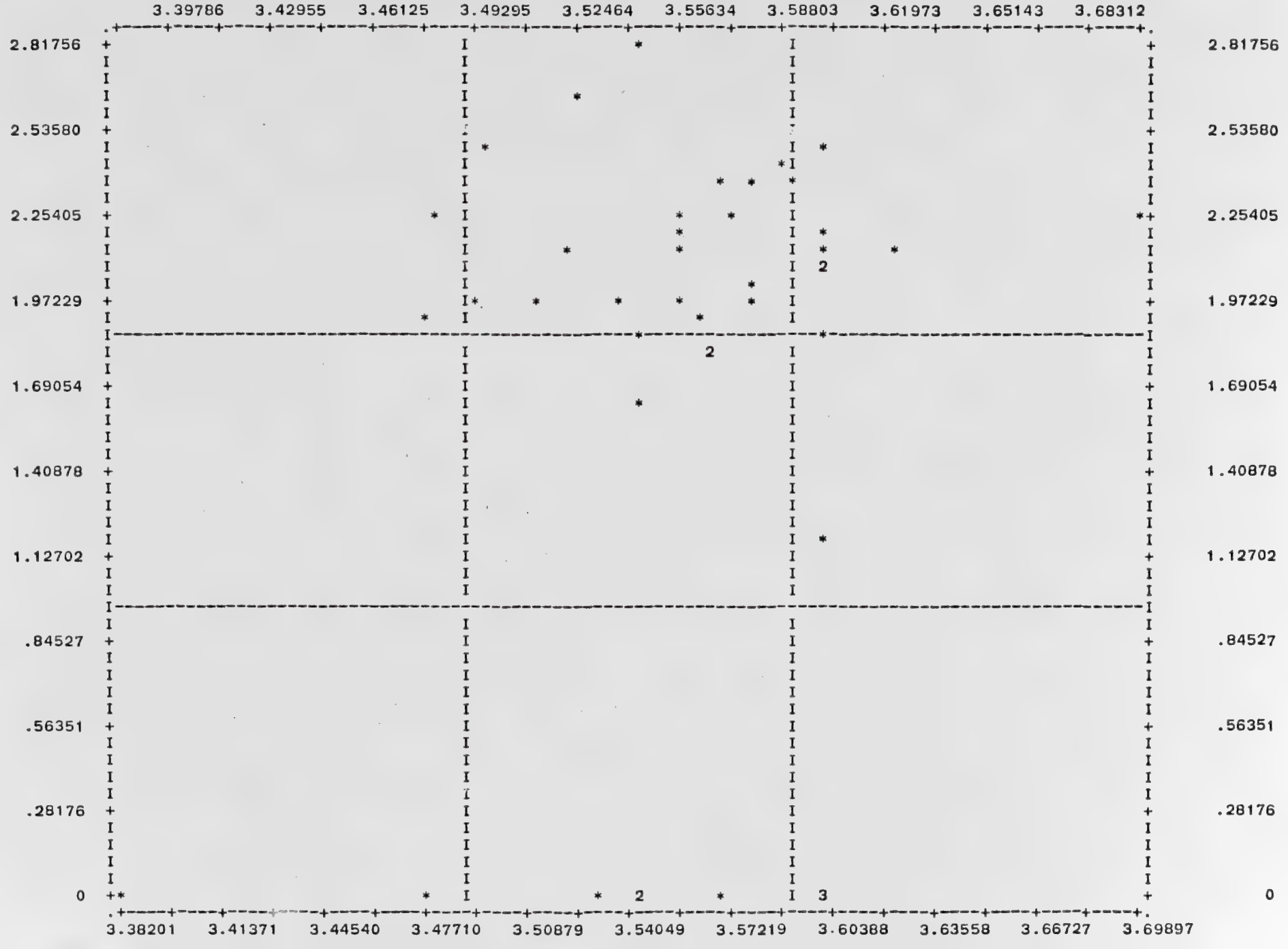


STATISTICS..

CORRELATION (R)-	.37994	R SQUARED -	.14435	SIGNIFICANCE R -	.00598
STD ERR OF EST -	.10360	INTERCEPT (A) -	.25761	STD ERROR OF A -	1.10067
SIGNIFICANCE A -	.40806	SLOPE (B) -	.81328	STD ERROR OF B -	.30923
SIGNIFICANCE B -	.00598				
PLOTTED VALUES -	43	EXCLUDED VALUES-	0	MISSING VALUES -	4

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CO3 (ACROSS) COND

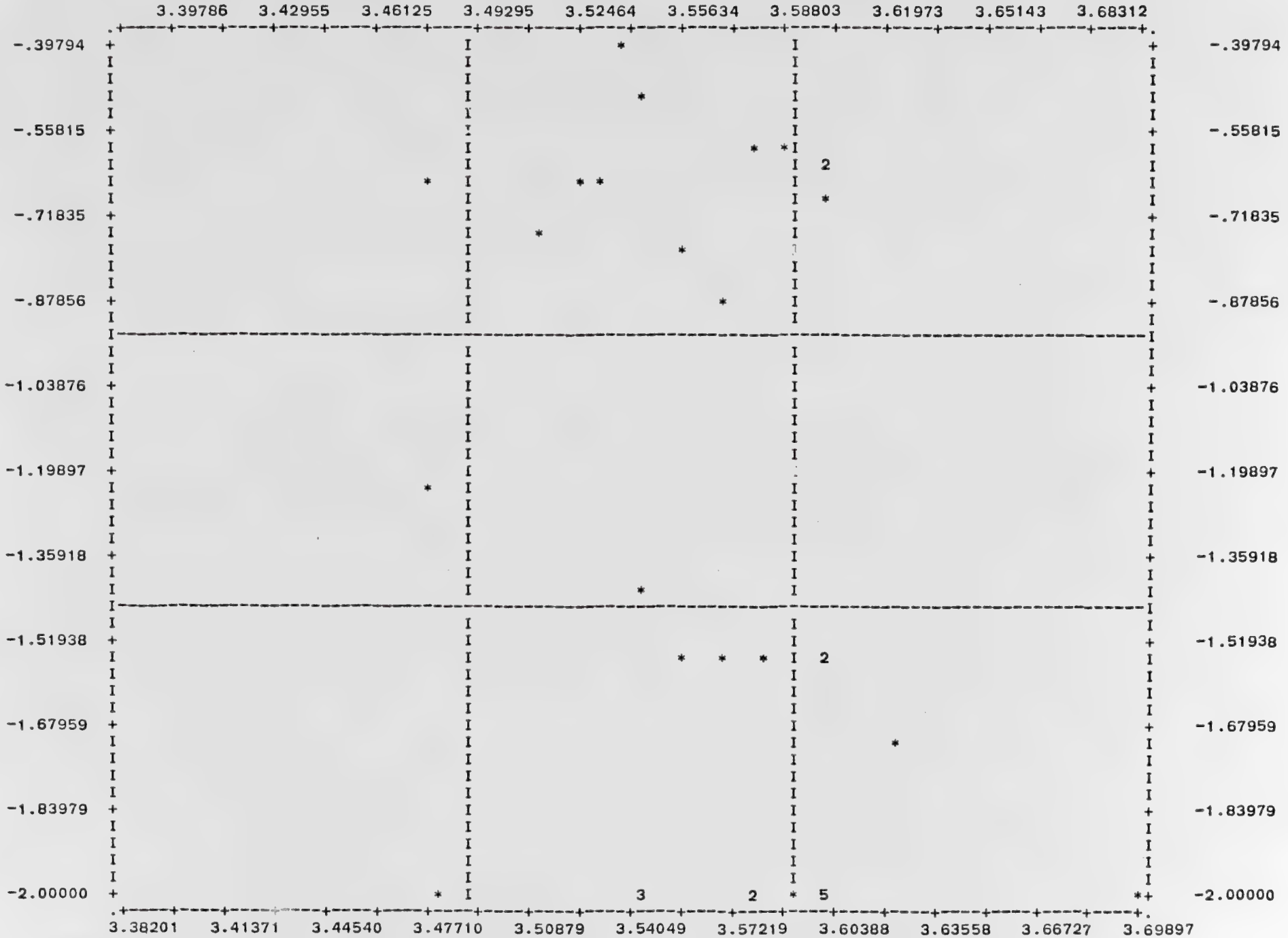


STATISTICS..

CORRELATION (R)-	.18228	R SQUARED -	.03323	SIGNIFICANCE R -	.12102
STD ERR OF EST -	.91664	INTERCEPT (A) -	-9.86397	STD ERROR OF A -	9.73885
SIGNIFICANCE A -	.15854	SLOPE (B) -	3.24788	STD ERROR OF B -	2.73609
SIGNIFICANCE B -	.12102				
PLOTTED VALUES -	43	EXCLUDED VALUES-	0	MISSING VALUES -	4

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NH4 (ACROSS) COND

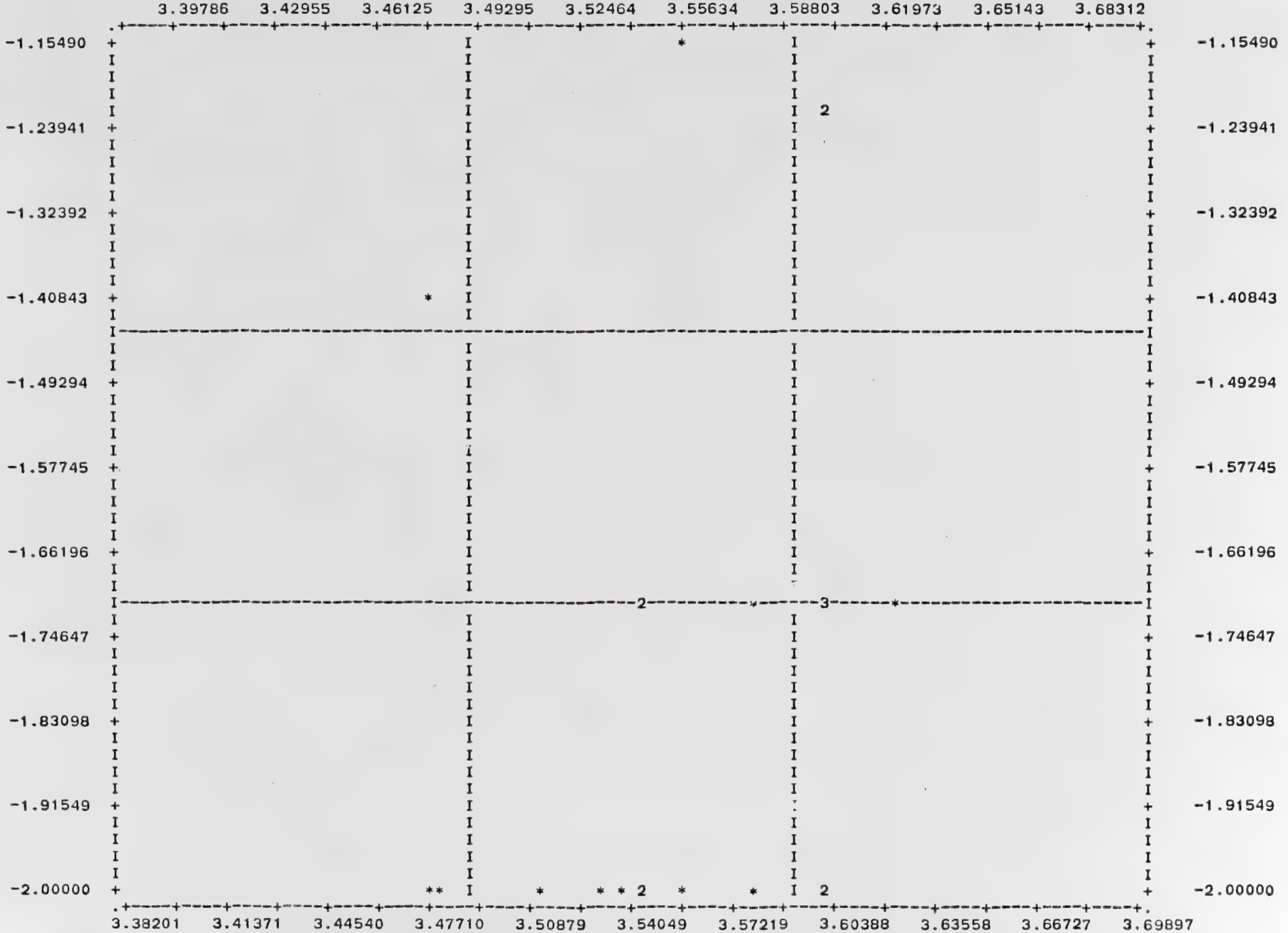


STATISTICS..

CORRELATION (R)-	-.29828	R SQUARED -	.08897	SIGNIFICANCE R -	.04332
STD ERR OF EST -	.60140	INTERCEPT (A) -	13.20010	STD ERROR OF A -	8.23481
SIGNIFICANCE A -	.05938	SLOPE (B) -	-4.07831	STD ERROR OF B -	2.30701
SIGNIFICANCE B -	.04332				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NO2 (ACROSS) COND

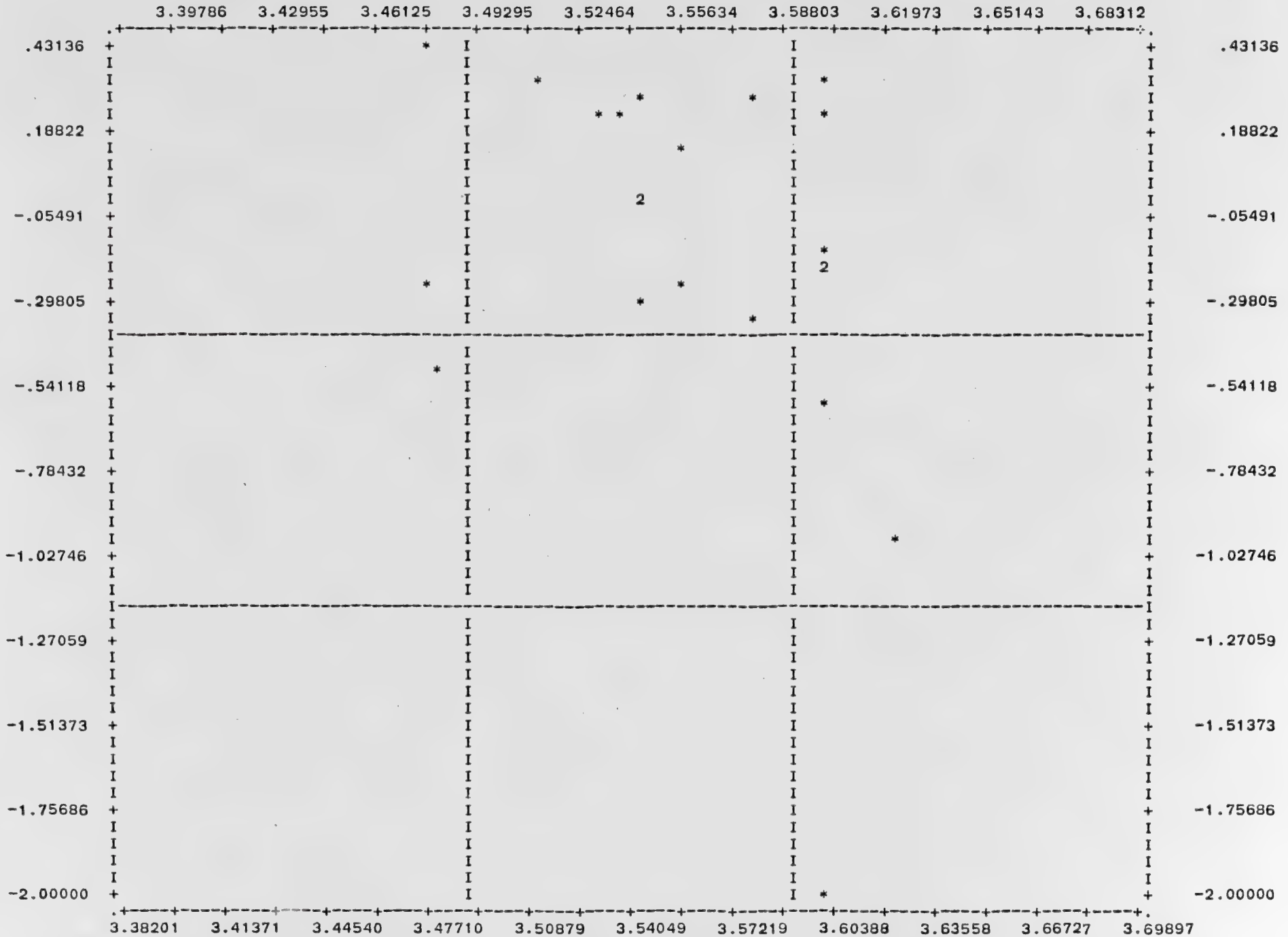


STATISTICS..

CORRELATION (R)-	.25990	R SQUARED -	.06755	SIGNIFICANCE R -	.12139
STD ERR OF EST -	.28440	INTERCEPT (A) -	-7.71645	STD ERROR OF A -	4.94260
SIGNIFICANCE A -	.06708	SLOPE (B) -	1.67139	STD ERROR OF B -	1.38860
SIGNIFICANCE B -	.12139				
PLOTTED VALUES -	22	EXCLUDED VALUES-	0	MISSING VALUES -	25

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NO3 (ACROSS) COND

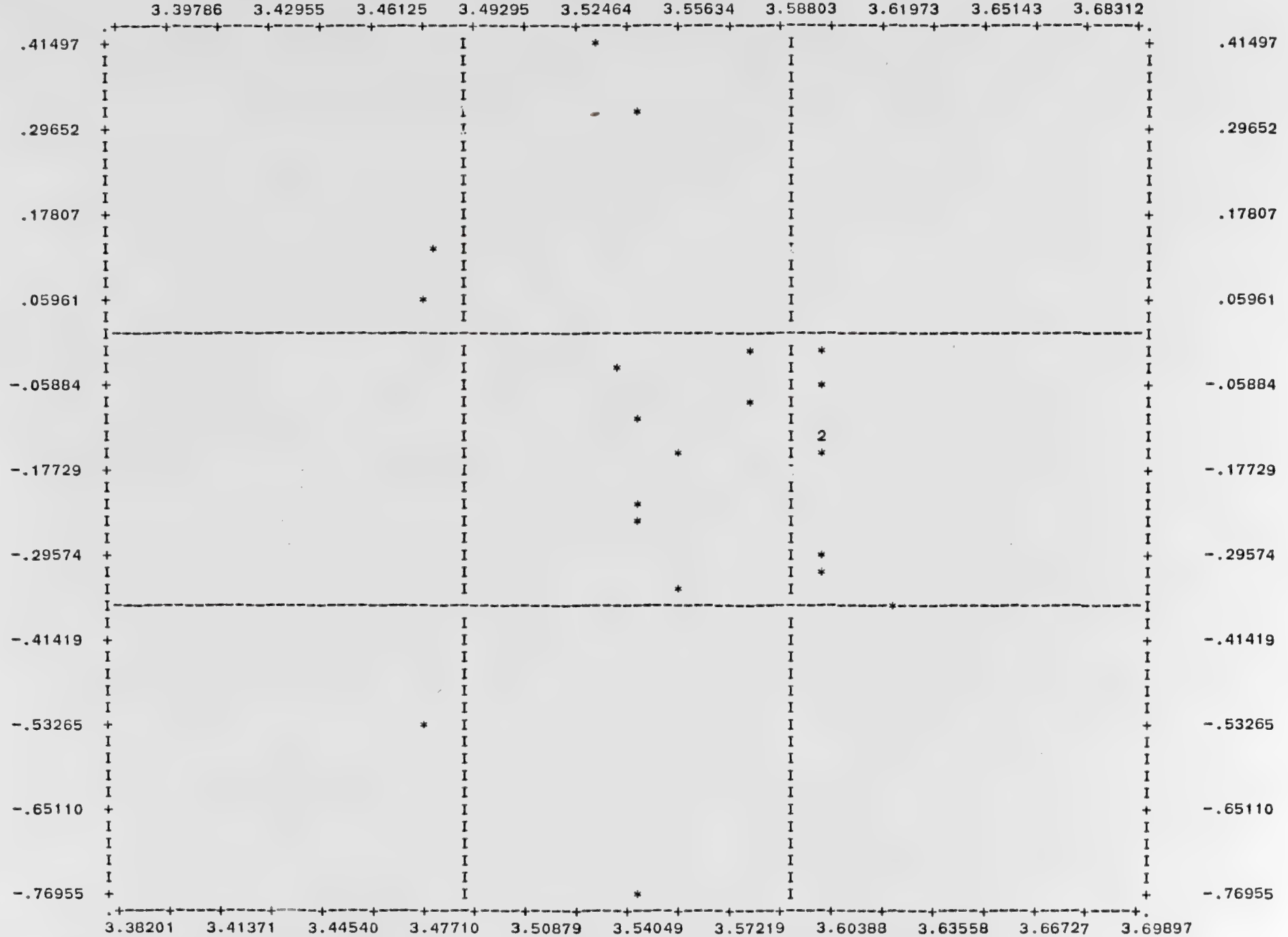


STATISTICS..

CORRELATION (R)-	-.33769	R SQUARED -	.11403	SIGNIFICANCE R -	.06215
STD ERR OF EST -	.52820	INTERCEPT (A) -	14.59842	STD ERROR OF A -	9.17959
SIGNIFICANCE A -	.06372	SLOPE (B) -	-4.13780	STD ERROR OF B -	2.57896
SIGNIFICANCE B -	.06215				
PLOTTED VALUES -	22	EXCLUDED VALUES-	0	MISSING VALUES -	25

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) KJAN (ACROSS) COND

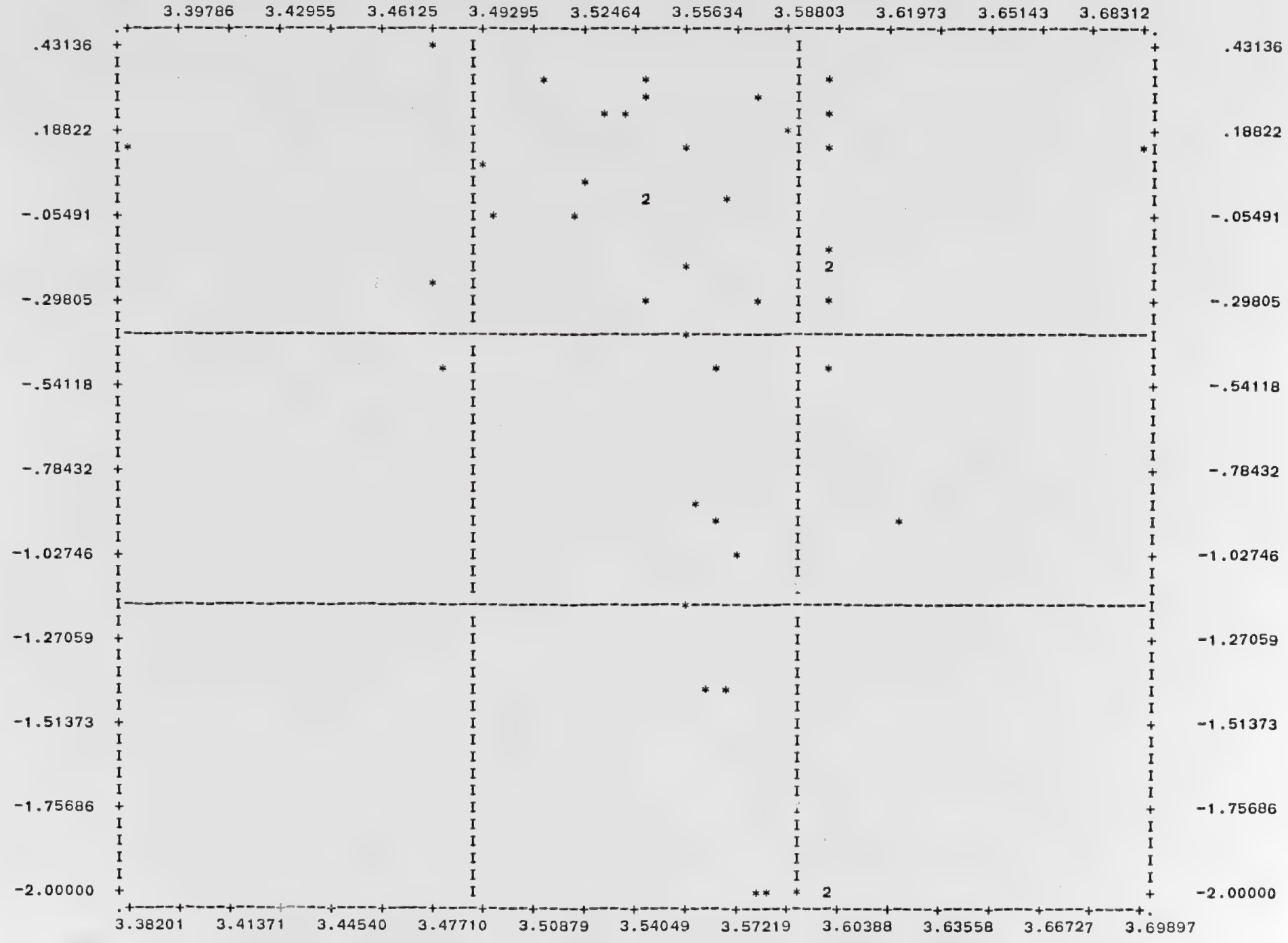


STATISTICS..

CORRELATION (R)-	-.14160	R SQUARED -	.02005	SIGNIFICANCE R -	.26481
STD ERR OF EST -	.26255	INTERCEPT (A) -	2.86530	STD ERROR OF A -	4.68085
SIGNIFICANCE A -	.27367	SLOPE (B) -	-.84091	STD ERROR OF B -	1.31452
SIGNIFICANCE B -	.26481				
PLOTTED VALUES -	22	EXCLUDED VALUES-	0	MISSING VALUES -	25

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NO2ANO3 (ACROSS) COND

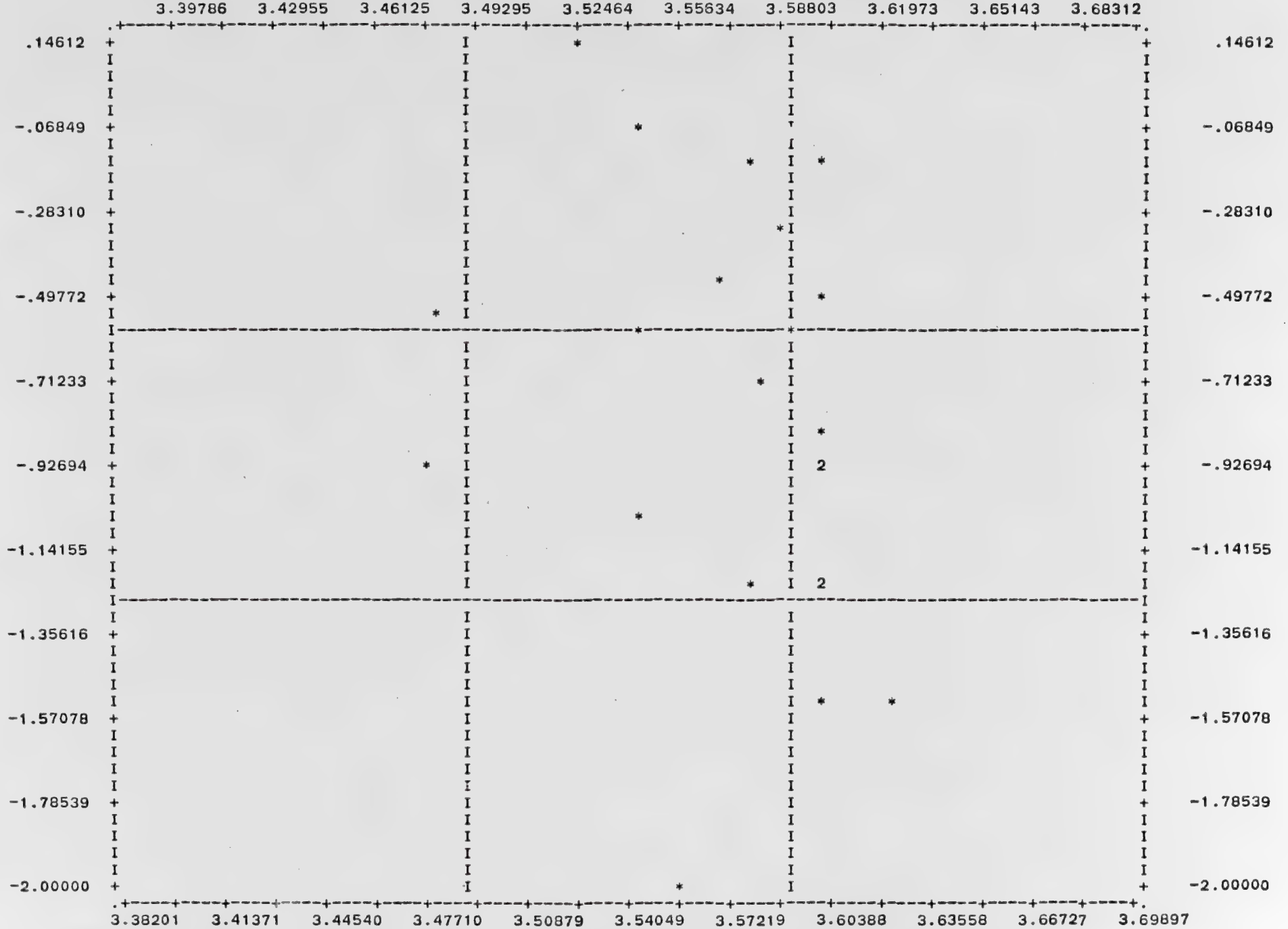


STATISTICS..

CORRELATION (R)-	-.26680	R SQUARED -	.07118	SIGNIFICANCE R -	.03823
STD ERR OF EST -	.72449	INTERCEPT (A) -	13.55641	STD ERROR OF A -	7.67897
SIGNIFICANCE A -	.04230	SLOPE (B) -	-3.91579	STD ERROR OF B -	2.15706
SIGNIFICANCE B -	.03823				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) PO4 (ACROSS) COND

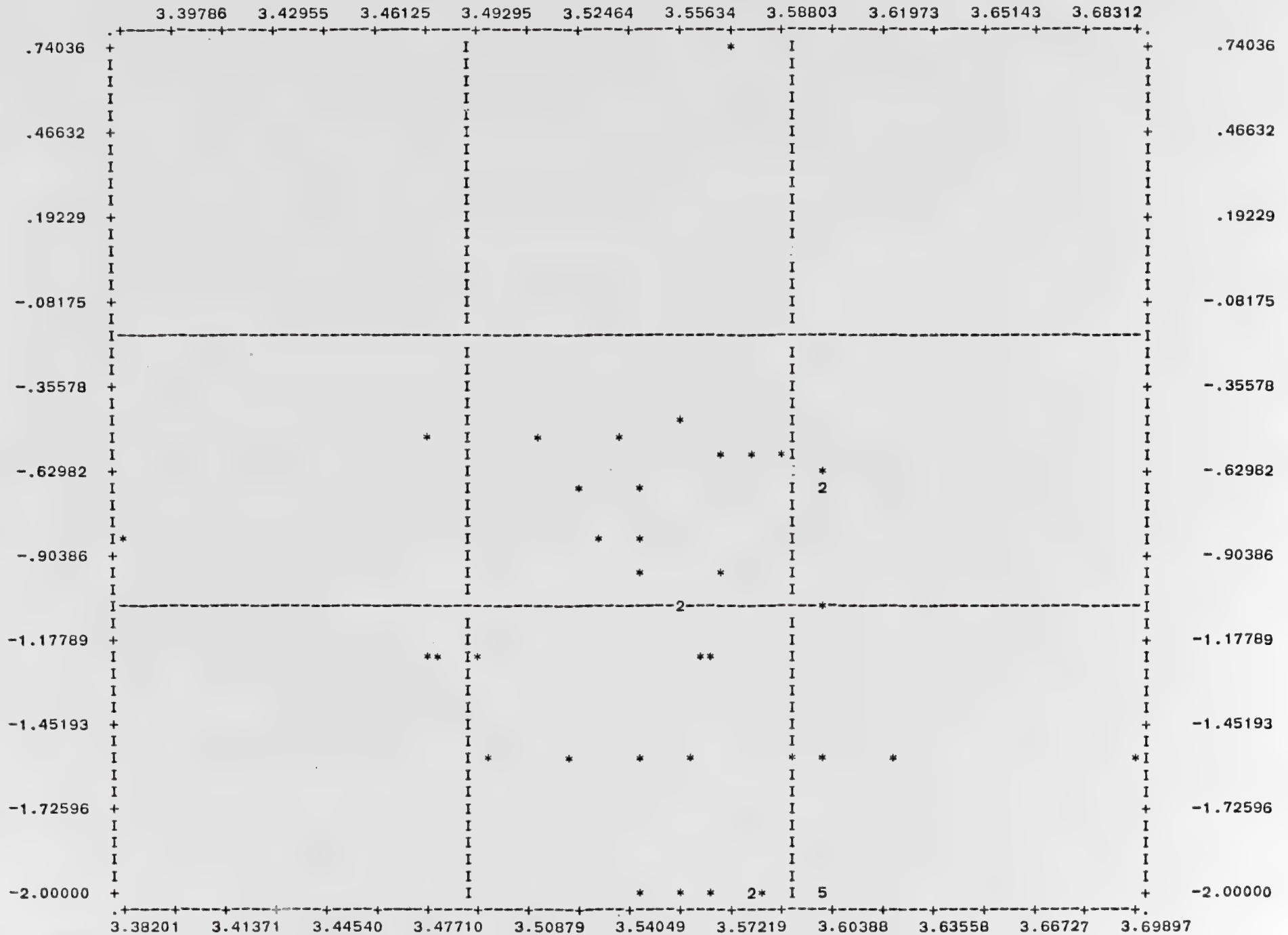


STATISTICS..

CORRELATION (R)-	-.24007	R SQUARED -	.05763	SIGNIFICANCE R -	.14094
STD ERR OF EST -	.53817	INTERCEPT (A) -	10.93587	STD ERROR OF A -	10.58866
SIGNIFICANCE A -	.15701	SLOPE (B) -	-3.27760	STD ERROR OF B -	2.96362
SIGNIFICANCE B -	.14094				
PLOTTED VALUES -	22	EXCLUDED VALUES-	0	MISSING VALUES -	25

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) OAPO4 (ACROSS) COND

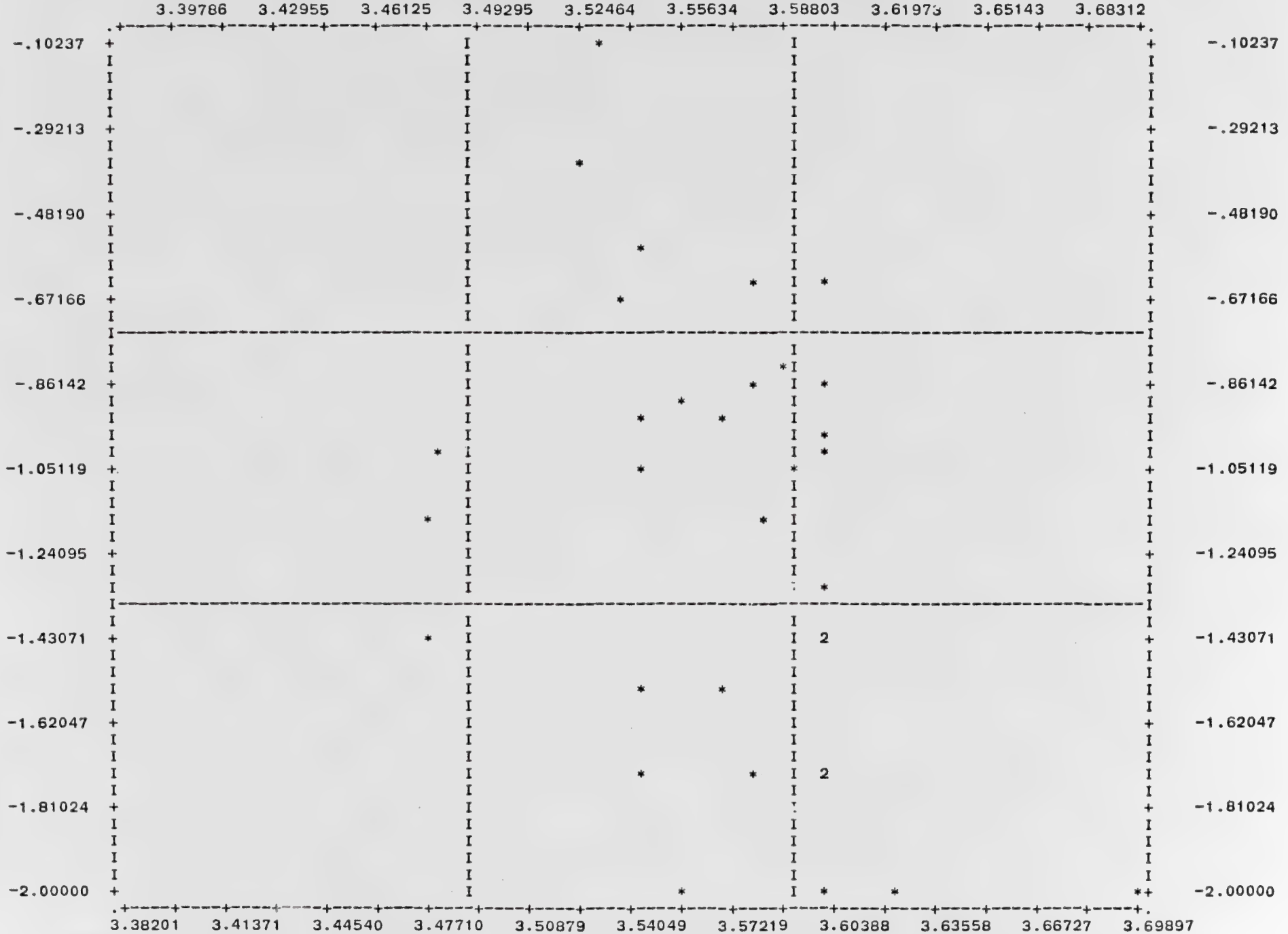


STATISTICS..

CORRELATION (R)-	-.24608	R SQUARED -	.06056	SIGNIFICANCE R -	.05161
STD ERR OF EST -	.61084	INTERCEPT (A) -	9.58026	STD ERROR OF A -	6.47436
SIGNIFICANCE A -	.07312	SLOPE (B) -	-3.02786	STD ERROR OF B -	1.81868
SIGNIFICANCE B -	.05161				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) TOTAP (ACROSS) COND

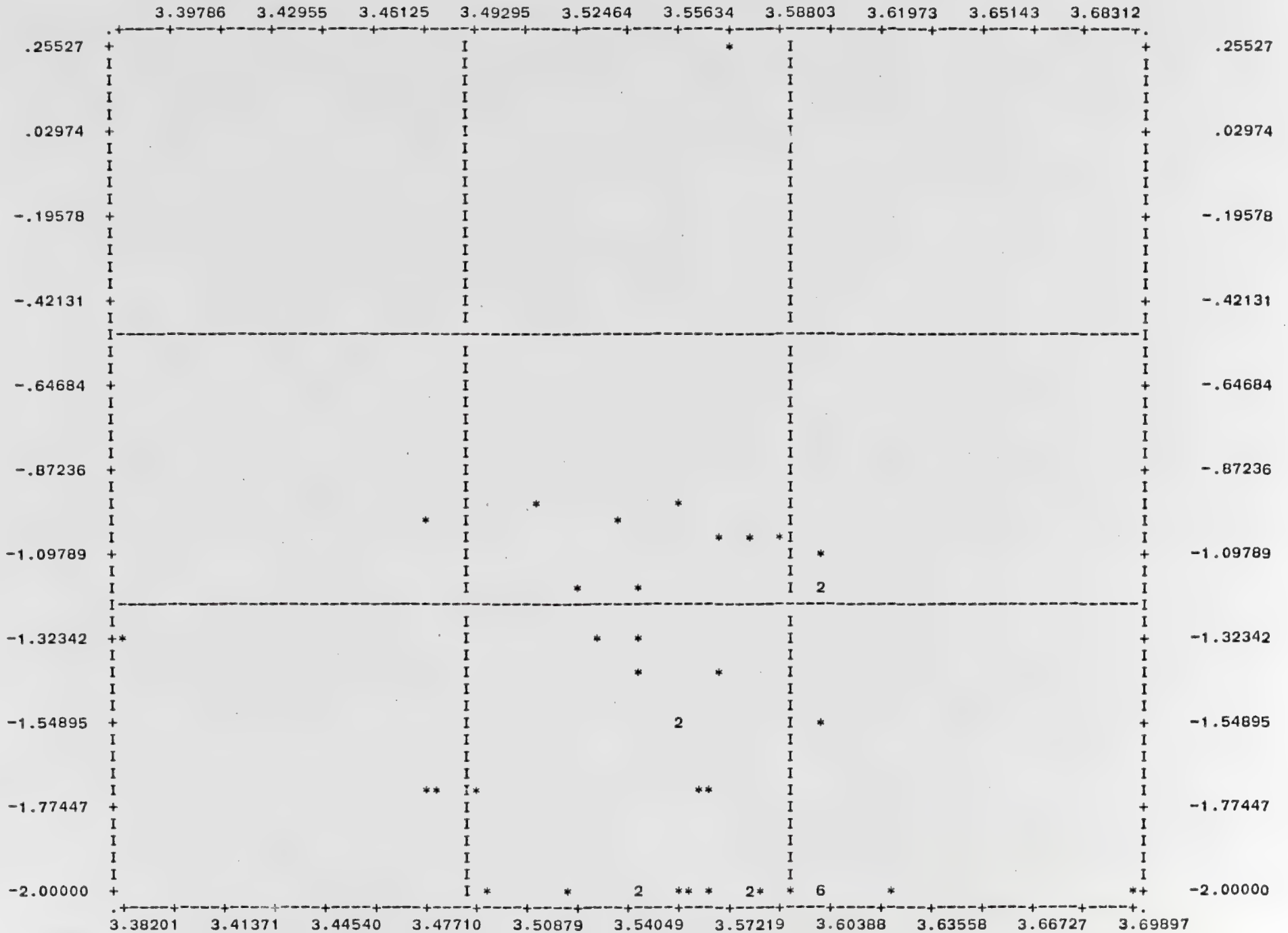


STATISTICS..

CORRELATION (R)-	-.36209	R SQUARED -	.13111	SIGNIFICANCE R -	.01919
STD ERR OF EST -	.47579	INTERCEPT (A) -	13.28531	STD ERROR OF A -	6.68661
SIGNIFICANCE A -	.02792	SLOPE (B) -	-4.04956	STD ERROR OF B -	1.87237
SIGNIFICANCE B -	.01919				
PLOTTED VALUES -	33	EXCLUDED VALUES-	0	MISSING VALUES -	14

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) PO4P (ACROSS) COND

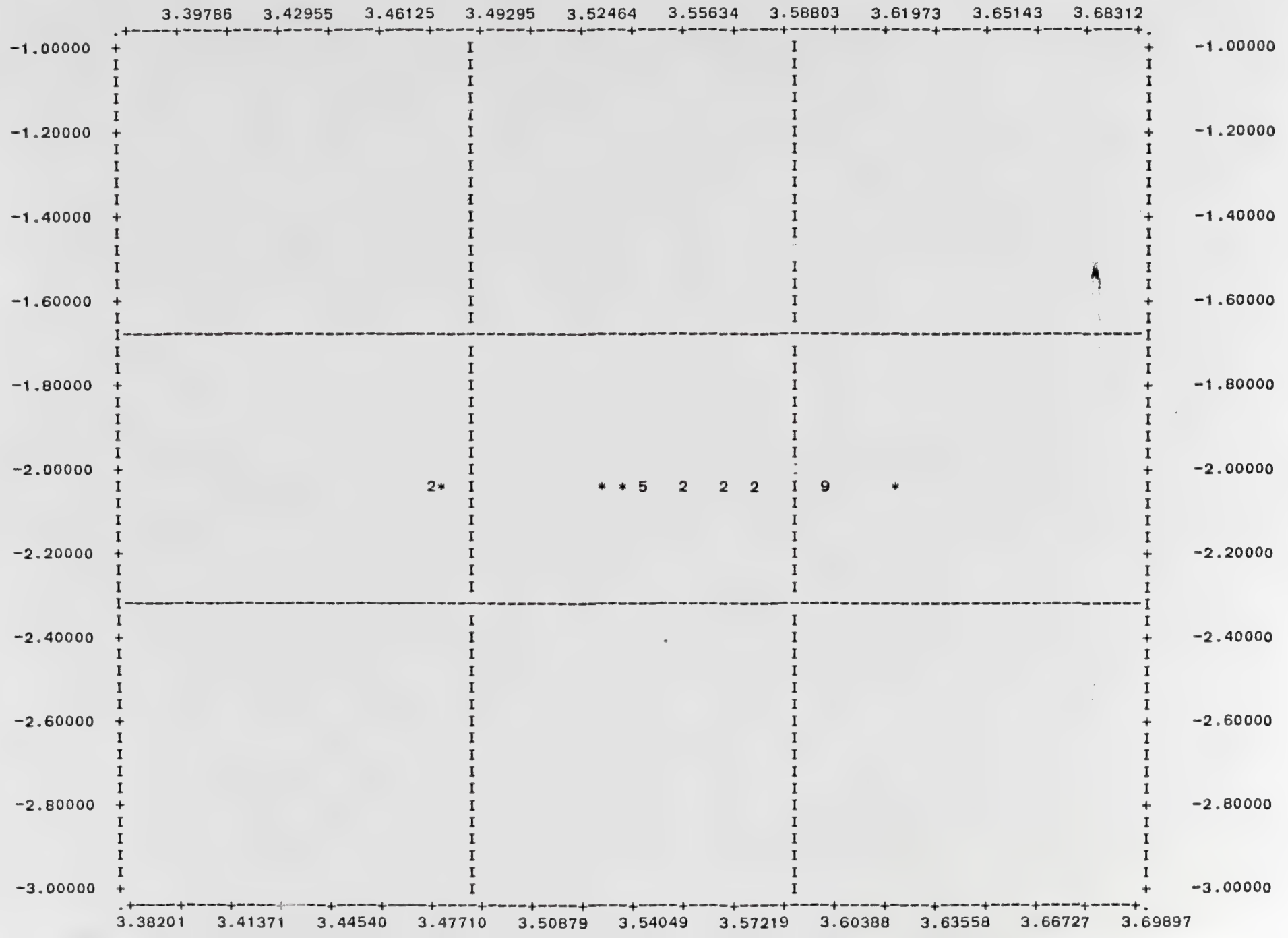


STATISTICS..

CORRELATION (R)-	-.19982	R SQUARED -	.03993	SIGNIFICANCE R -	.09408
STD ERR OF EST -	.48164	INTERCEPT (A) -	5.26510	STD ERROR OF A -	5.10489
SIGNIFICANCE A -	.15406	SLOPE (B) -	-1.91765	STD ERROR OF B -	1.43399
SIGNIFICANCE B -	.09408				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CN (ACROSS) COND



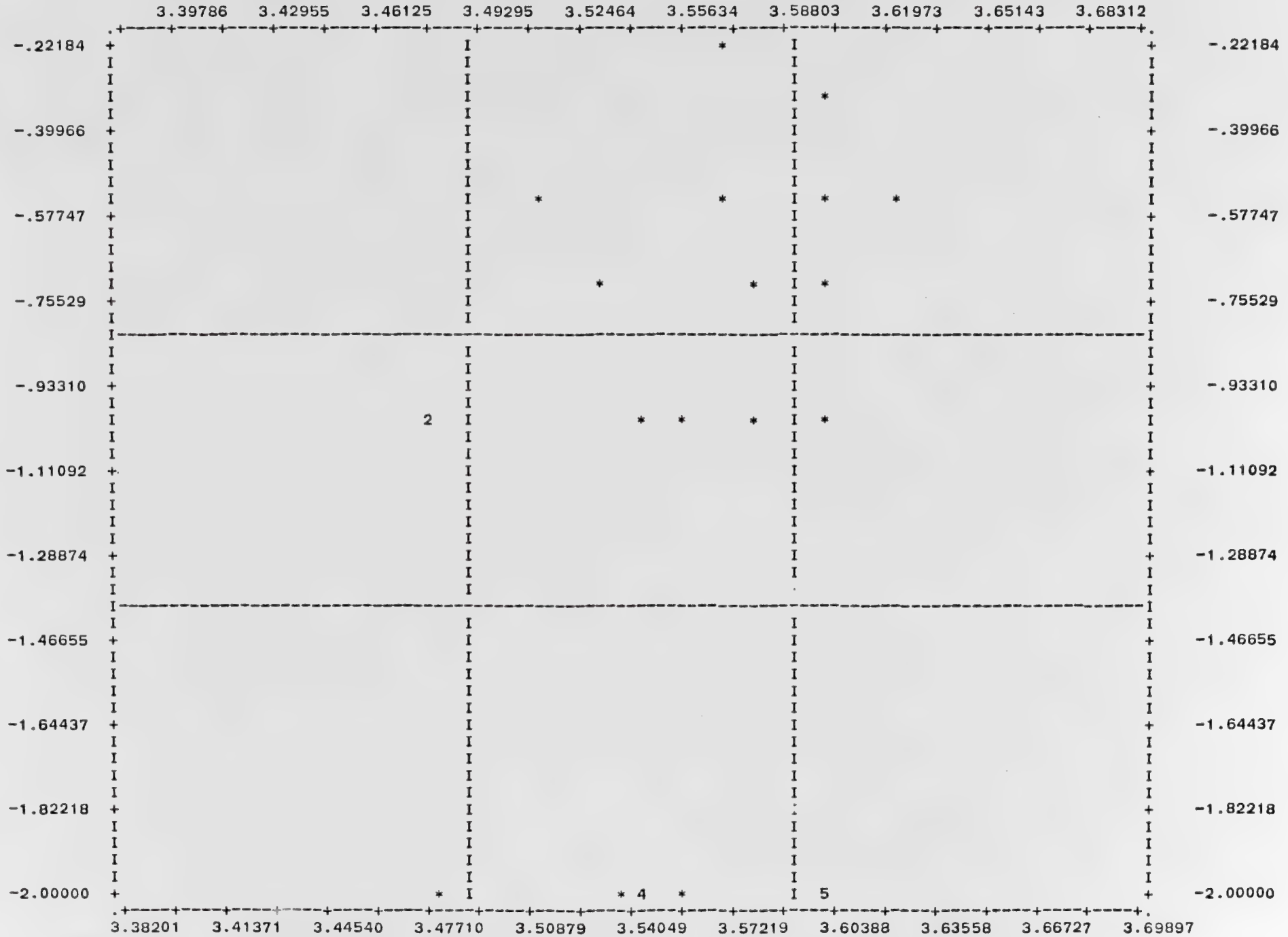
STATISTICS..

STATISTICS CANNOT BE COMPUTED DUE TO NO VARIATION IN ONE (OR BOTH) VARIABLES.

PLOTTED VALUES -	26	EXCLUDED VALUES-	0	MISSING VALUES -	21

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) SULFIDE (ACROSS) COND

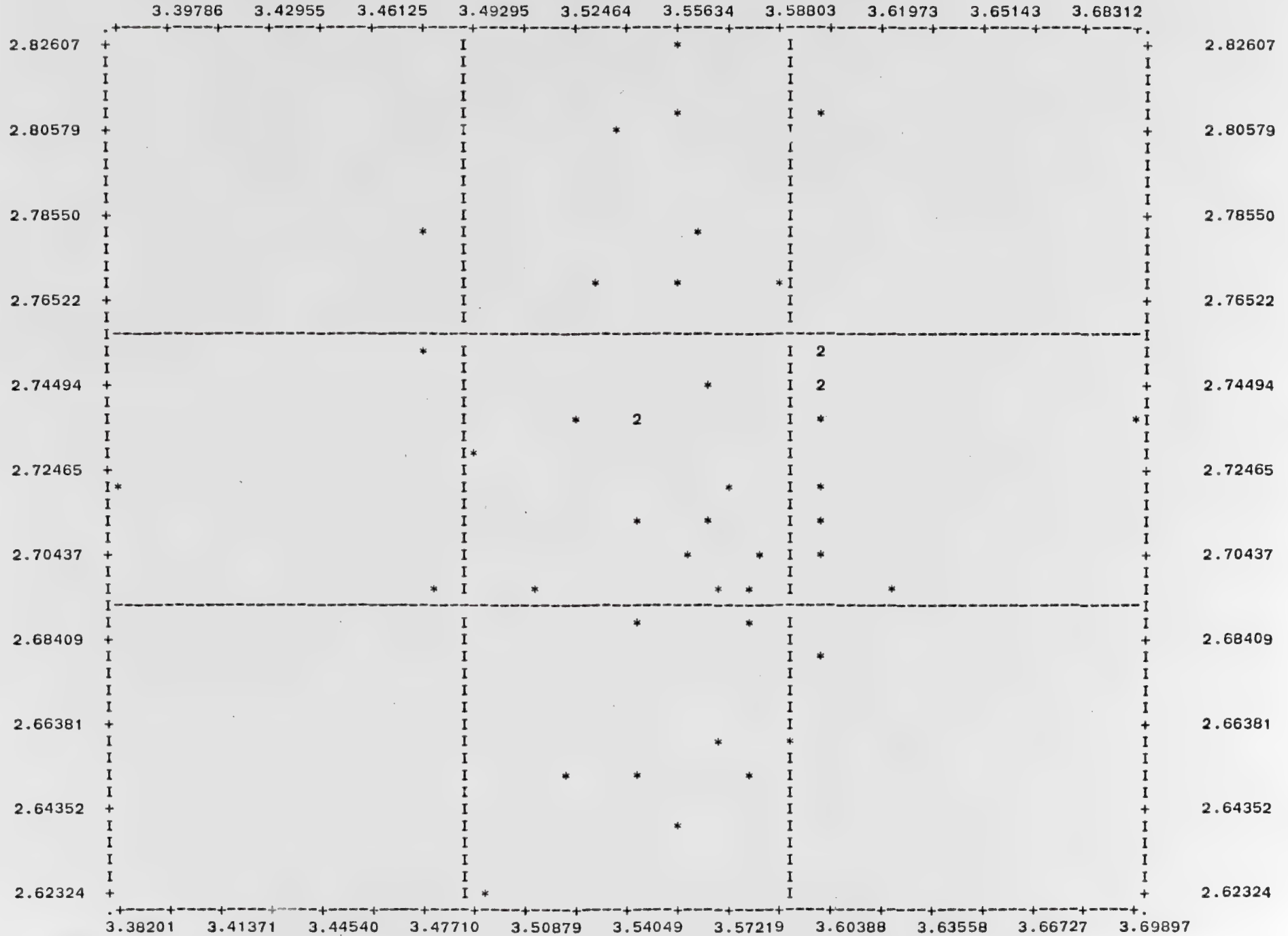


STATISTICS..

CORRELATION (R)-	.07432	R SQUARED -	.00552	SIGNIFICANCE R -	.35628
STD ERR OF EST -	.69304	INTERCEPT (A) -	-5.58784	STD ERROR OF A -	11.54644
SIGNIFICANCE A -	.31632	SLOPE (B) -	1.20766	STD ERROR OF B -	3.24094
SIGNIFICANCE B -	.35628				
PLOTTED VALUES -	27	EXCLUDED VALUES-	0	MISSING VALUES -	20

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) HARDNESS (ACROSS) COND

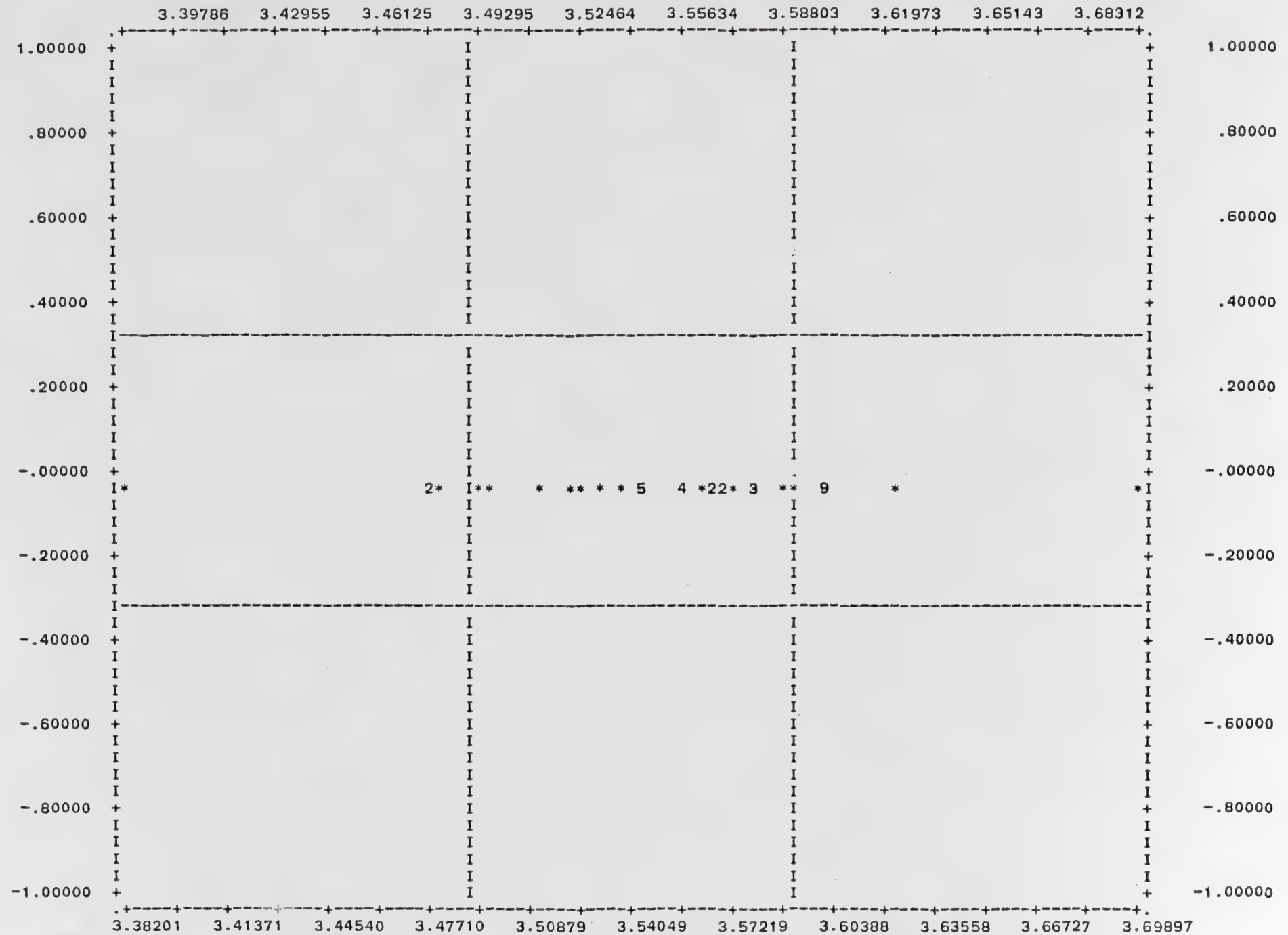


STATISTICS..

CORRELATION (R)-	.03915	R SQUARED -	.00153	SIGNIFICANCE R -	.39924
STD ERR OF EST -	.04834	INTERCEPT (A) -	2.59370	STD ERROR OF A -	.51238
SIGNIFICANCE A -	.00001	SLOPE (B) -	.03698	STD ERROR OF B -	.14393
SIGNIFICANCE B -	.39924				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NCHARD (ACROSS) COND



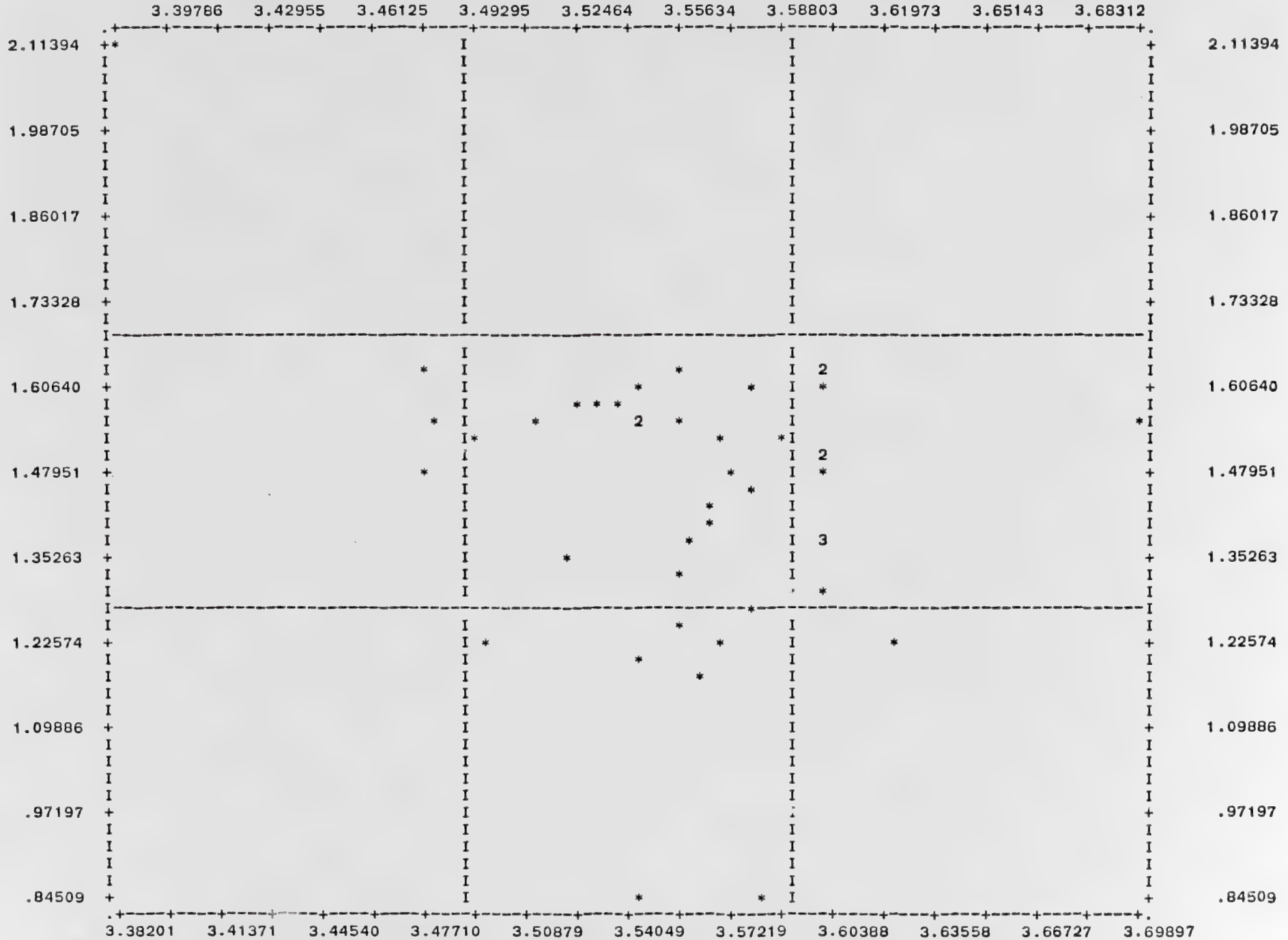
STATISTICS..

STATISTICS CANNOT BE COMPUTED DUE TO NO VARIATION IN ONE (OR BOTH) VARIABLES.

PLOTTED VALUES -	43	EXCLUDED VALUES-	0	MISSING VALUES -	4

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CA (ACROSS) COND

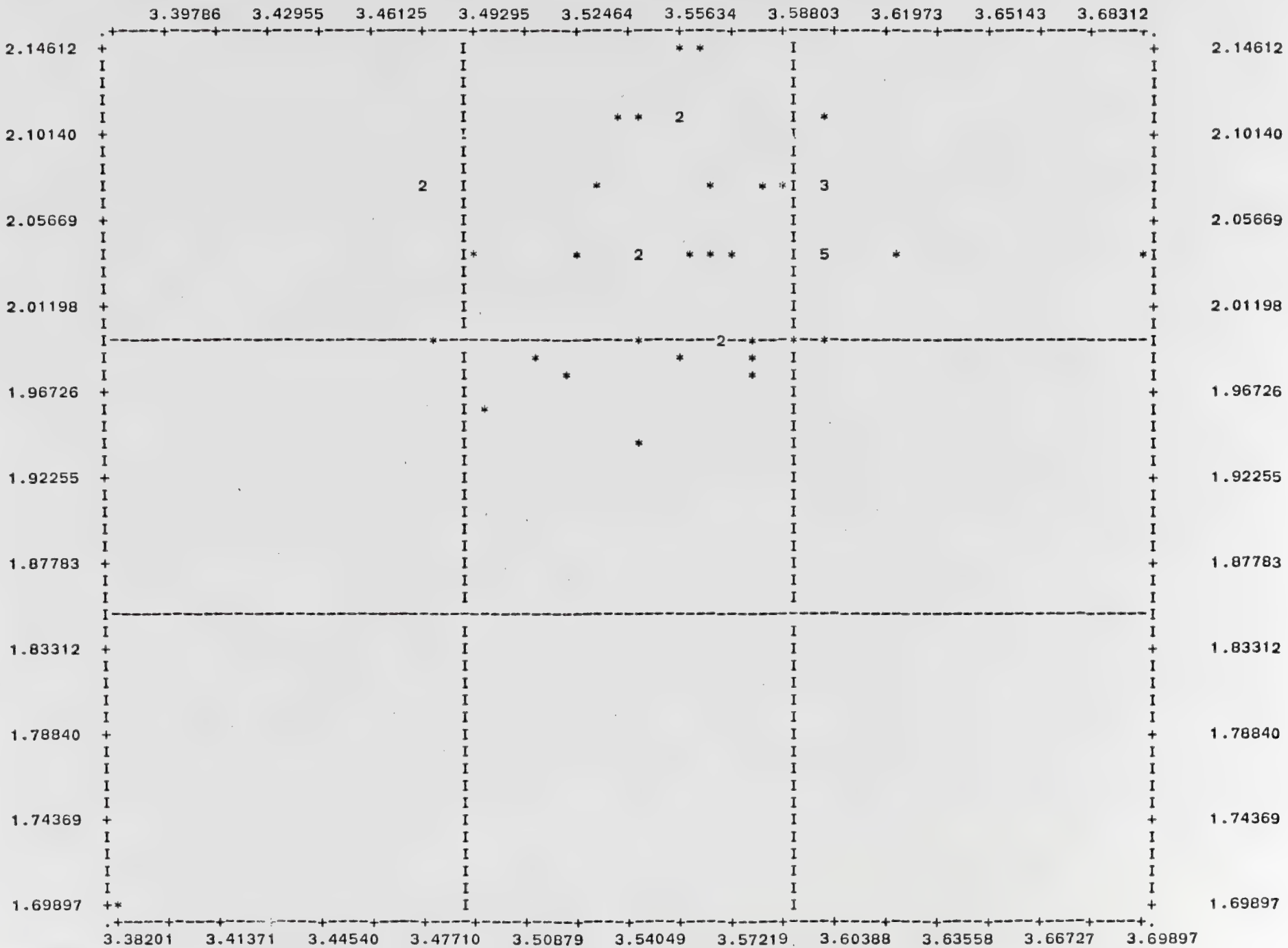


STATISTICS..

CORRELATION (R)-	-.29958	R SQUARED -	.08975	SIGNIFICANCE R -	.02279
STD ERR OF EST -	.20494	INTERCEPT (A) -	5.92554	STD ERROR OF A -	2.17216
SIGNIFICANCE A -	.00460	SLOPE (B) -	-1.25639	STD ERROR OF B -	.61017
SIGNIFICANCE B -	.02279				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) MG (ACROSS) COND

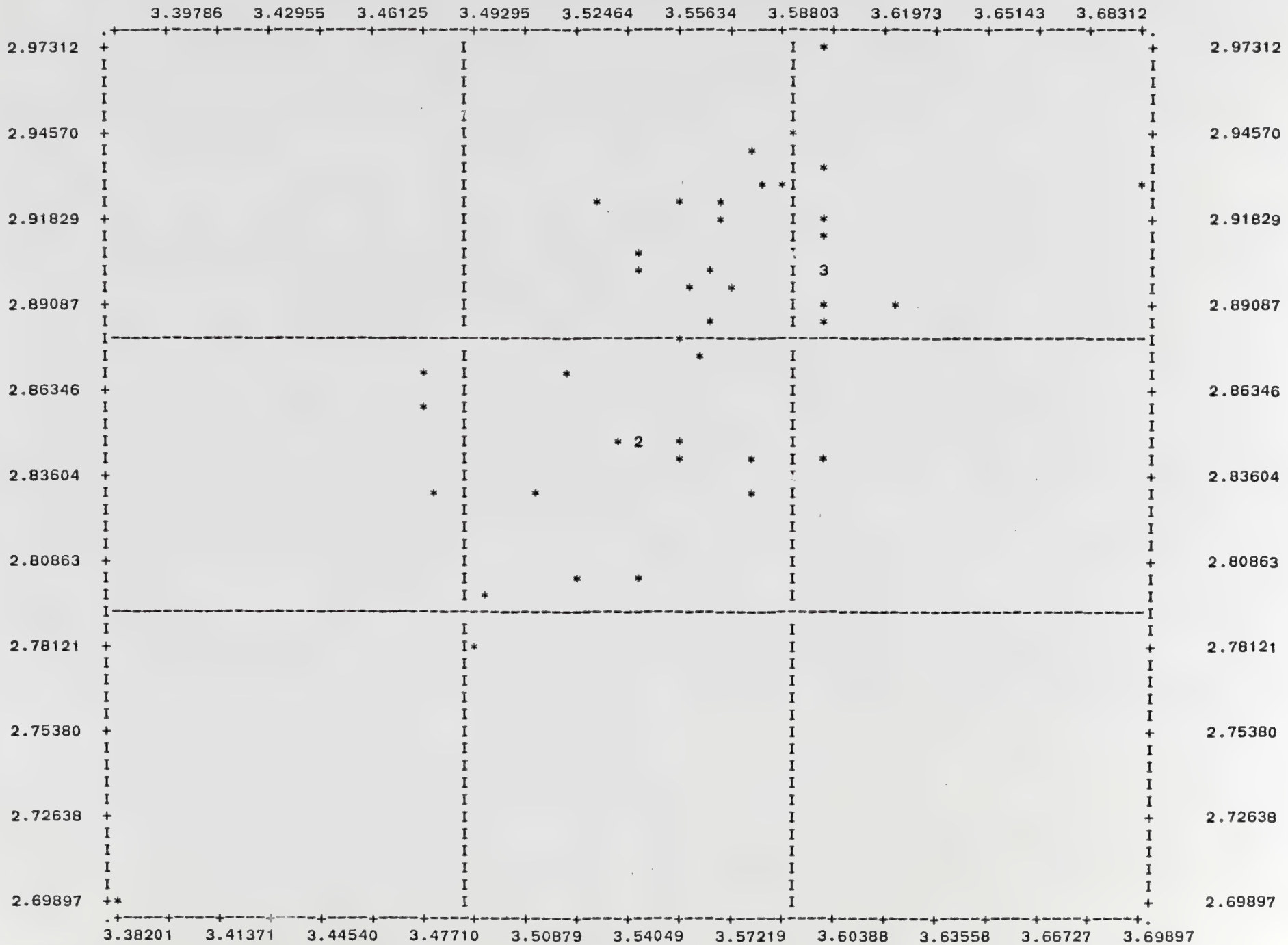


STATISTICS..

CORRELATION (R)-	.43530	R SQUARED -	.18948	SIGNIFICANCE R -	.00140
STD ERR OF EST -	.06448	INTERCEPT (A) -	-.12912	STD ERROR OF A -	.68344
SIGNIFICANCE A -	.42552	SLOPE (B) -	.60869	STD ERROR OF B -	.19198
SIGNIFICANCE B -	.00140				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) NA (ACROSS) COND

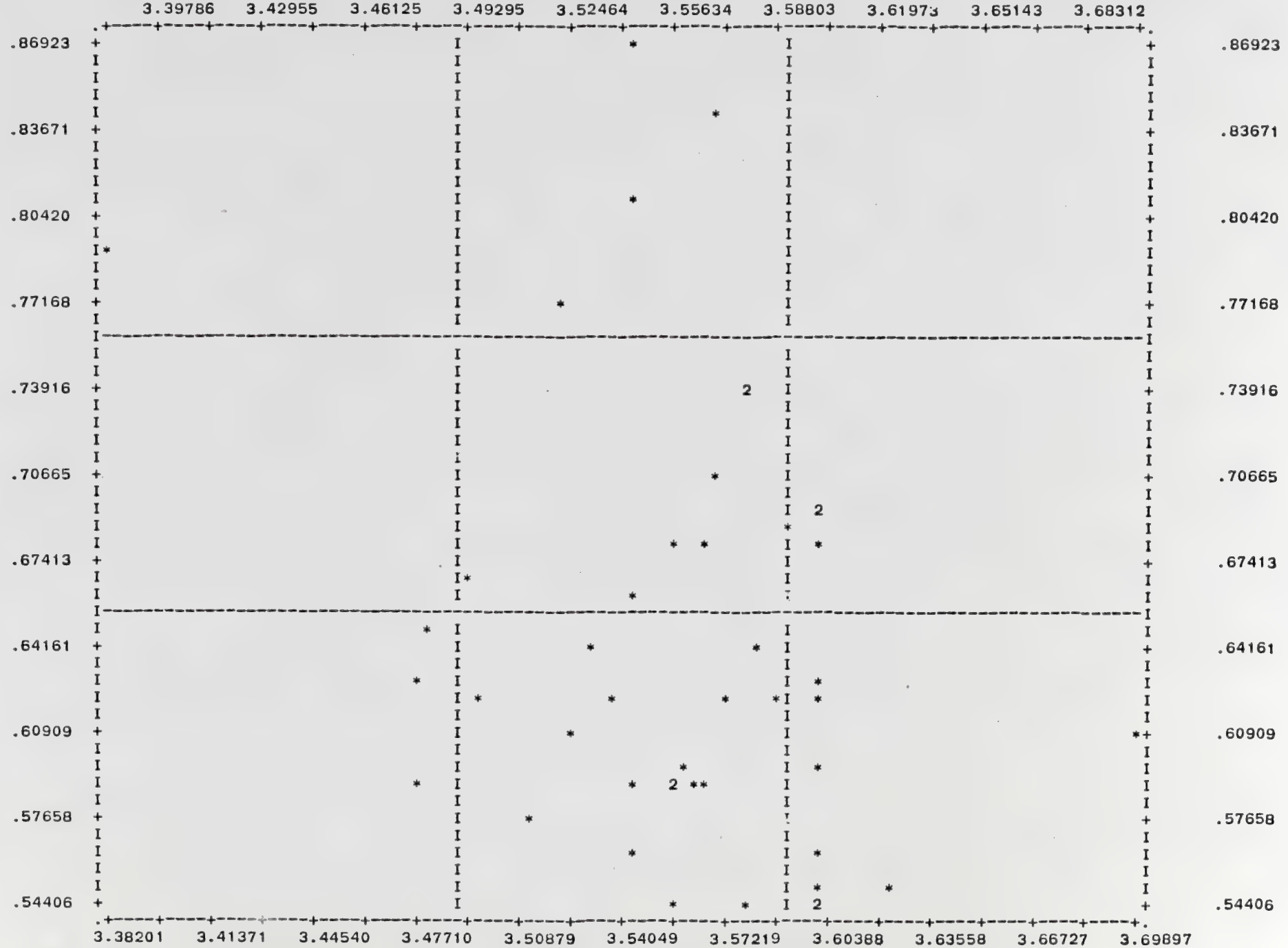


STATISTICS..

CORRELATION (R)-	.70167	R SQUARED -	.49234	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.03708	INTERCEPT (A) -	.34194	STD ERROR OF A -	.39302
SIGNIFICANCE A -	.19456	SLOPE (B) -	.71294	STD ERROR OF B -	.11040
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) K (ACROSS) COND

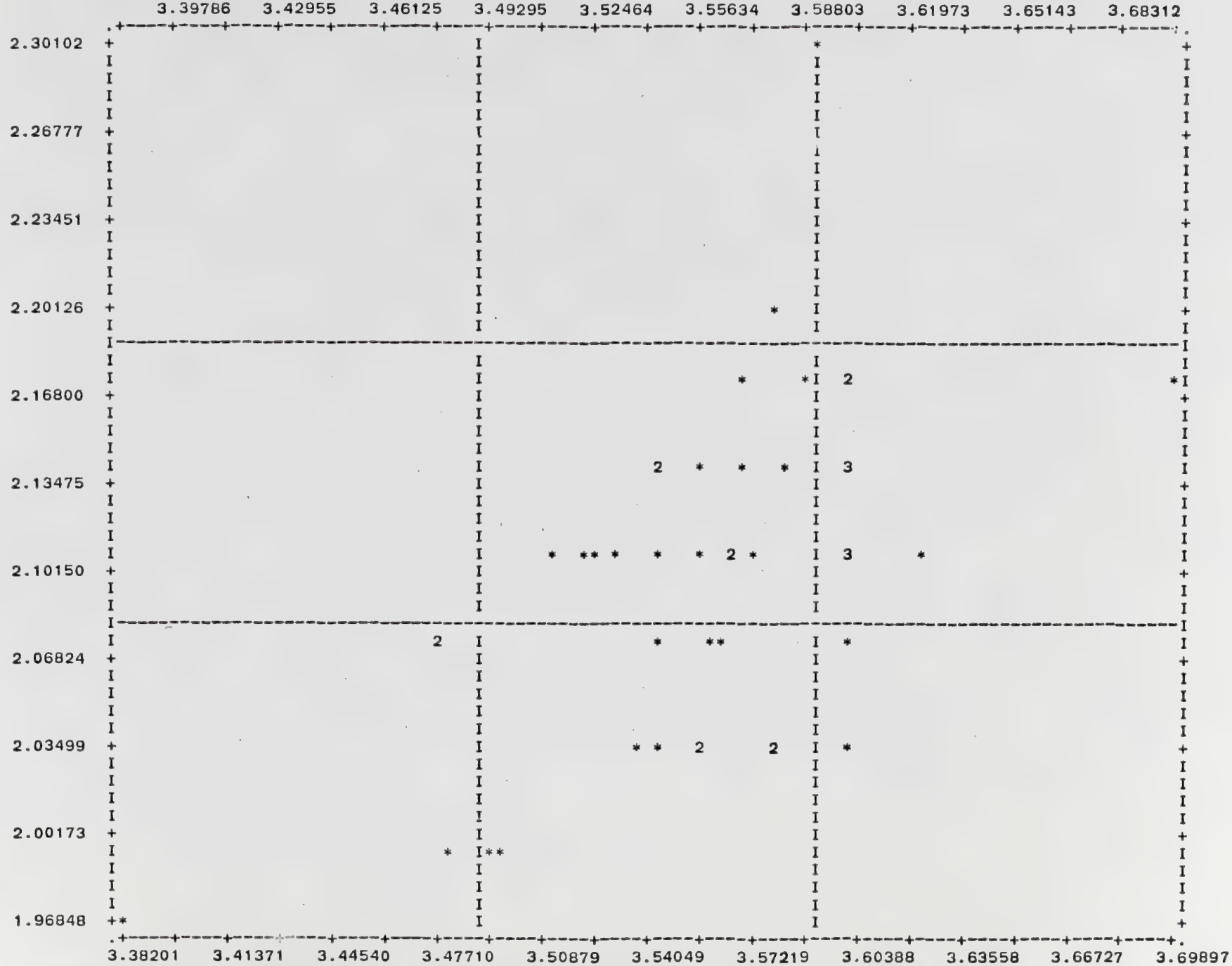


STATISTICS..

CORRELATION (R)-	-.24525	R SQUARED -	.06015	SIGNIFICANCE R -	.05221
STD ERR OF EST -	.07980	INTERCEPT (A) -	2.04868	STD ERROR OF A -	.84583
SIGNIFICANCE A -	.00986	SLOPE (B) -	-.39414	STD ERROR OF B -	.23760
SIGNIFICANCE B -	.05221				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CL (ACROSS) COND

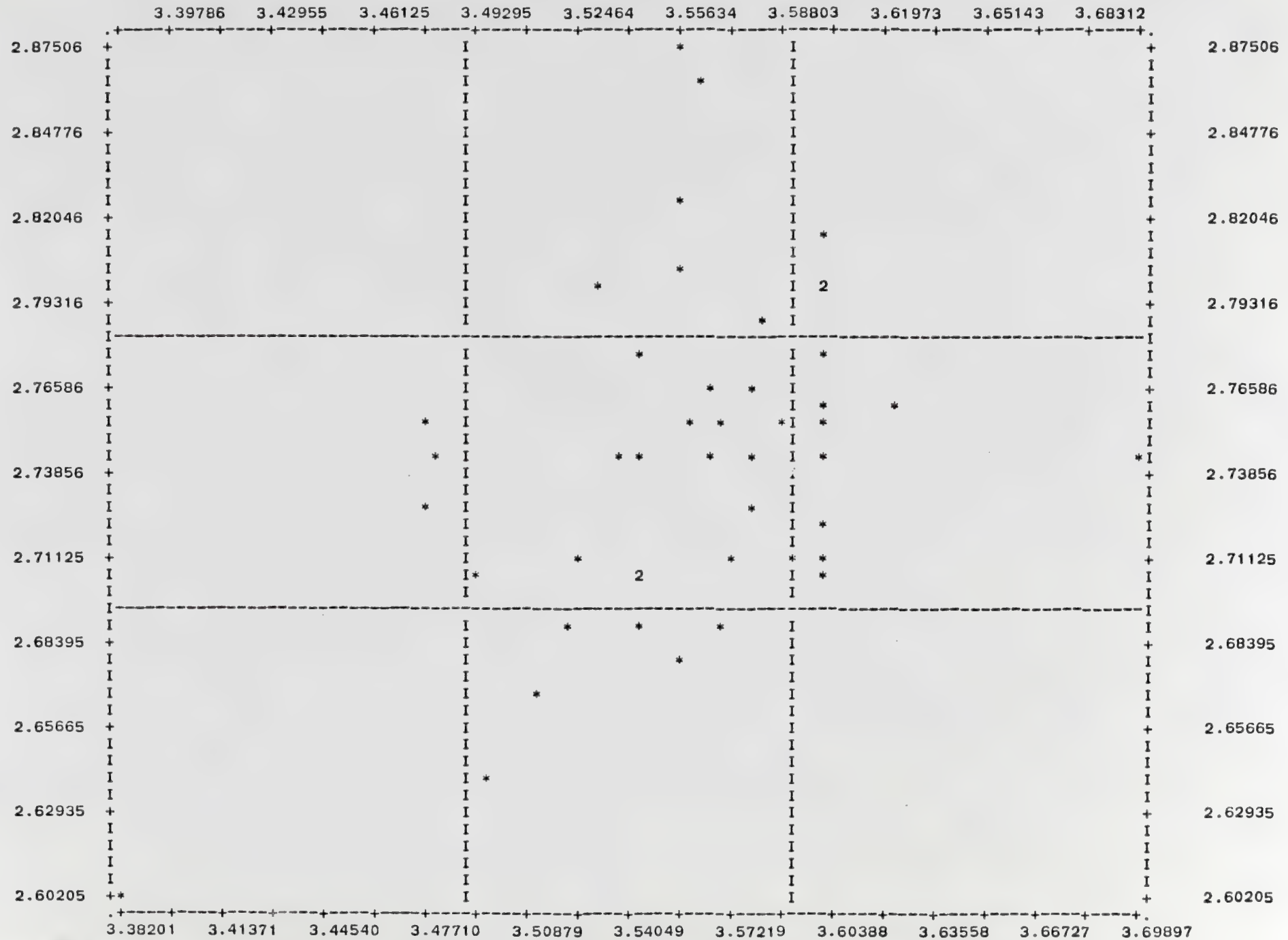


STATISTICS..

CORRELATION (R)-	.57116	R SQUARED -	.32622	SIGNIFICANCE R -	.00002
STD ERR OF EST -	.05193	INTERCEPT (A) -	-.40498	STD ERROR OF A -	.55036
SIGNIFICANCE A -	.23291	SLOPE (B) -	.70541	STD ERROR OF B -	.15460
SIGNIFICANCE B -	.00002				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) SO4 (ACROSS) COND

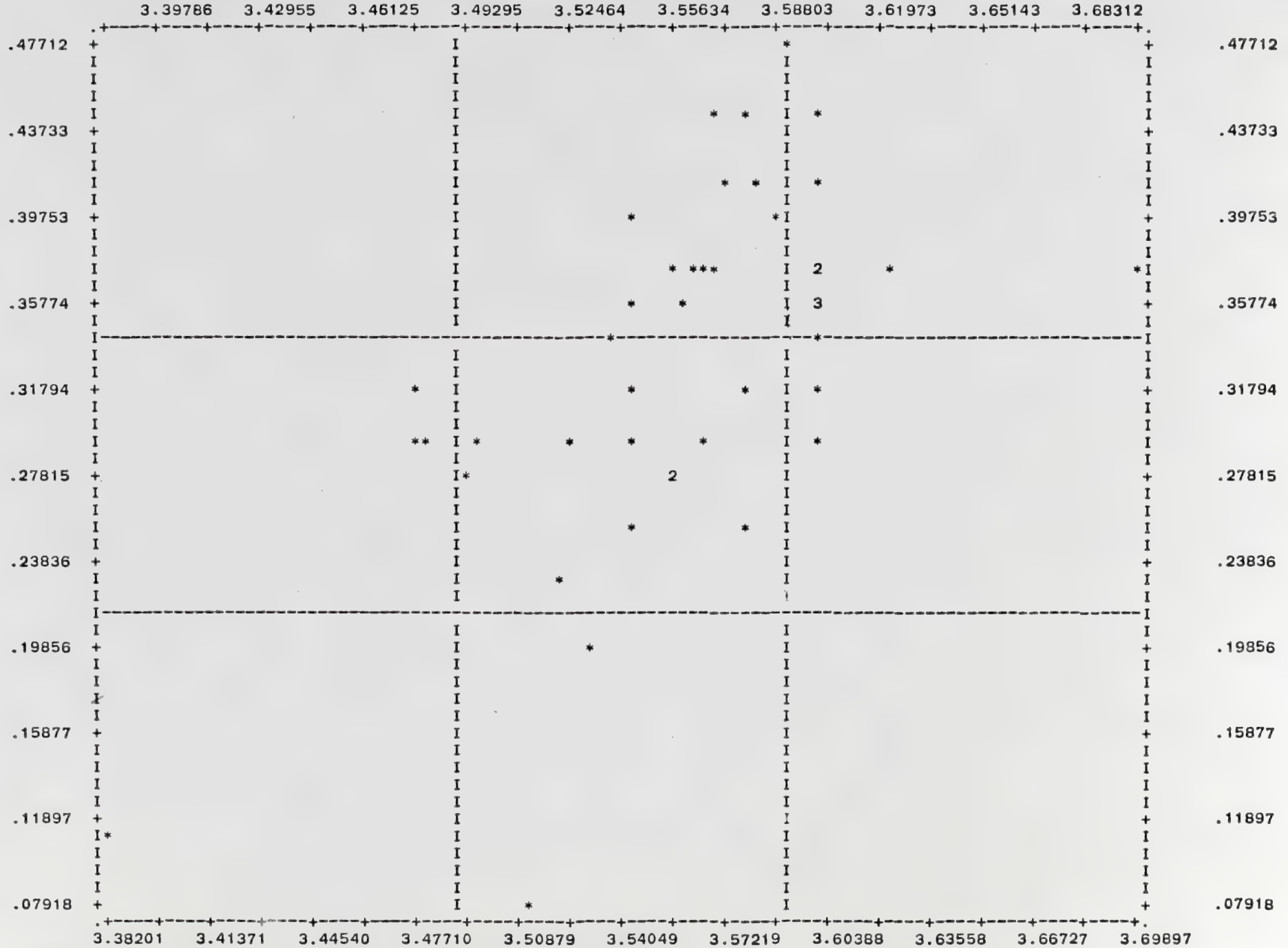


STATISTICS..

CORRELATION (R)-	.41509	R SQUARED -	.17230	SIGNIFICANCE R -	.00229
STD ERR OF EST -	.04866	INTERCEPT (A) -	1.20350	STD ERROR OF A -	.51570
SIGNIFICANCE A -	.01218	SLOPE (B) -	.43341	STD ERROR OF B -	.14486
SIGNIFICANCE B -	.00229				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) F (ACROSS) COND

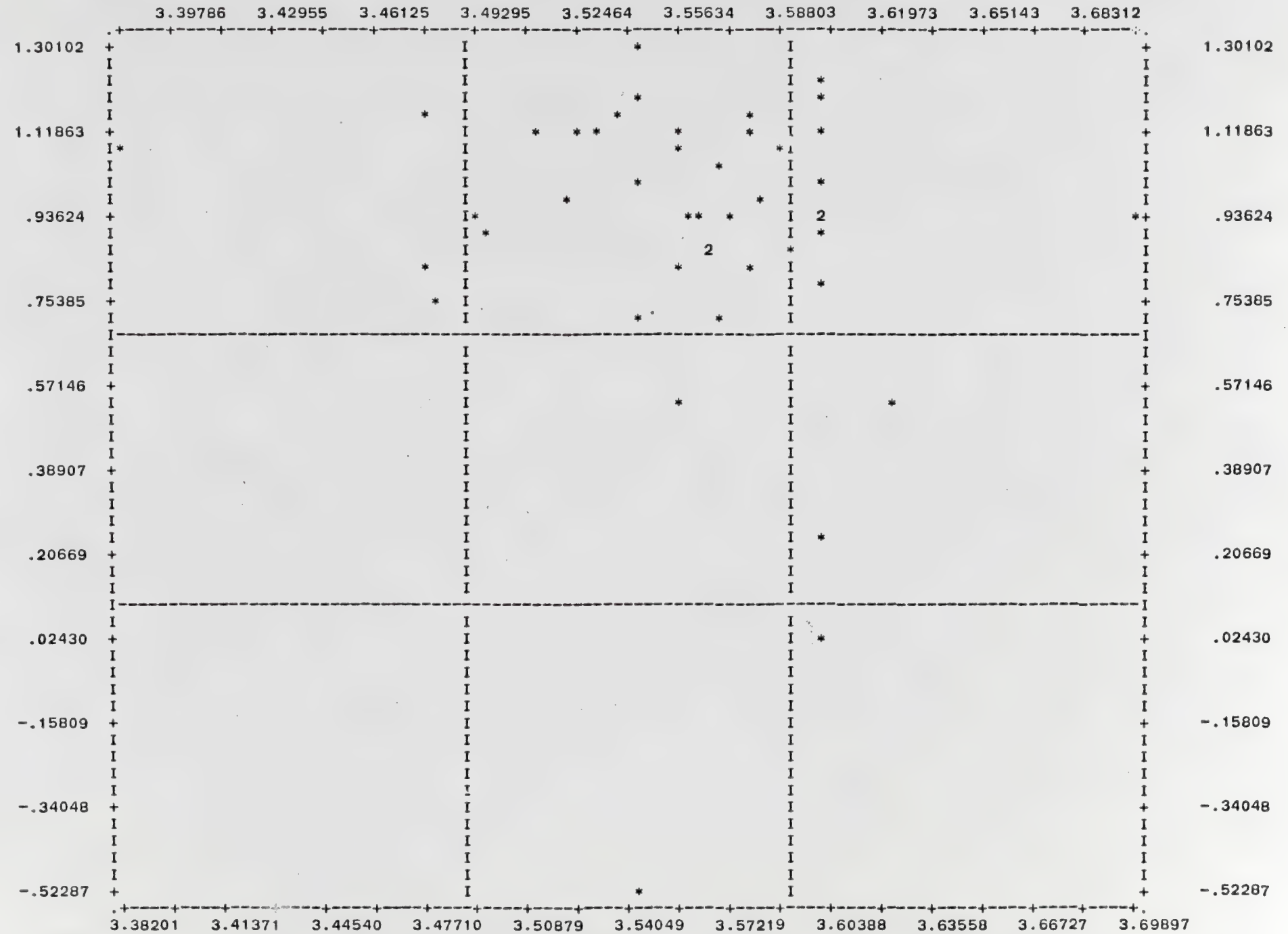


STATISTICS..

CORRELATION (R)-	.60360	R SQUARED -	.36433	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.06491	INTERCEPT (A) -	-3.03977	STD ERROR OF A -	.68803
SIGNIFICANCE A -	.00003	SLOPE (B) -	.94822	STD ERROR OF B -	.19327
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	44	EXCLUDED VALUES-	0	MISSING VALUES -	3

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) SIO2 (ACROSS) COND

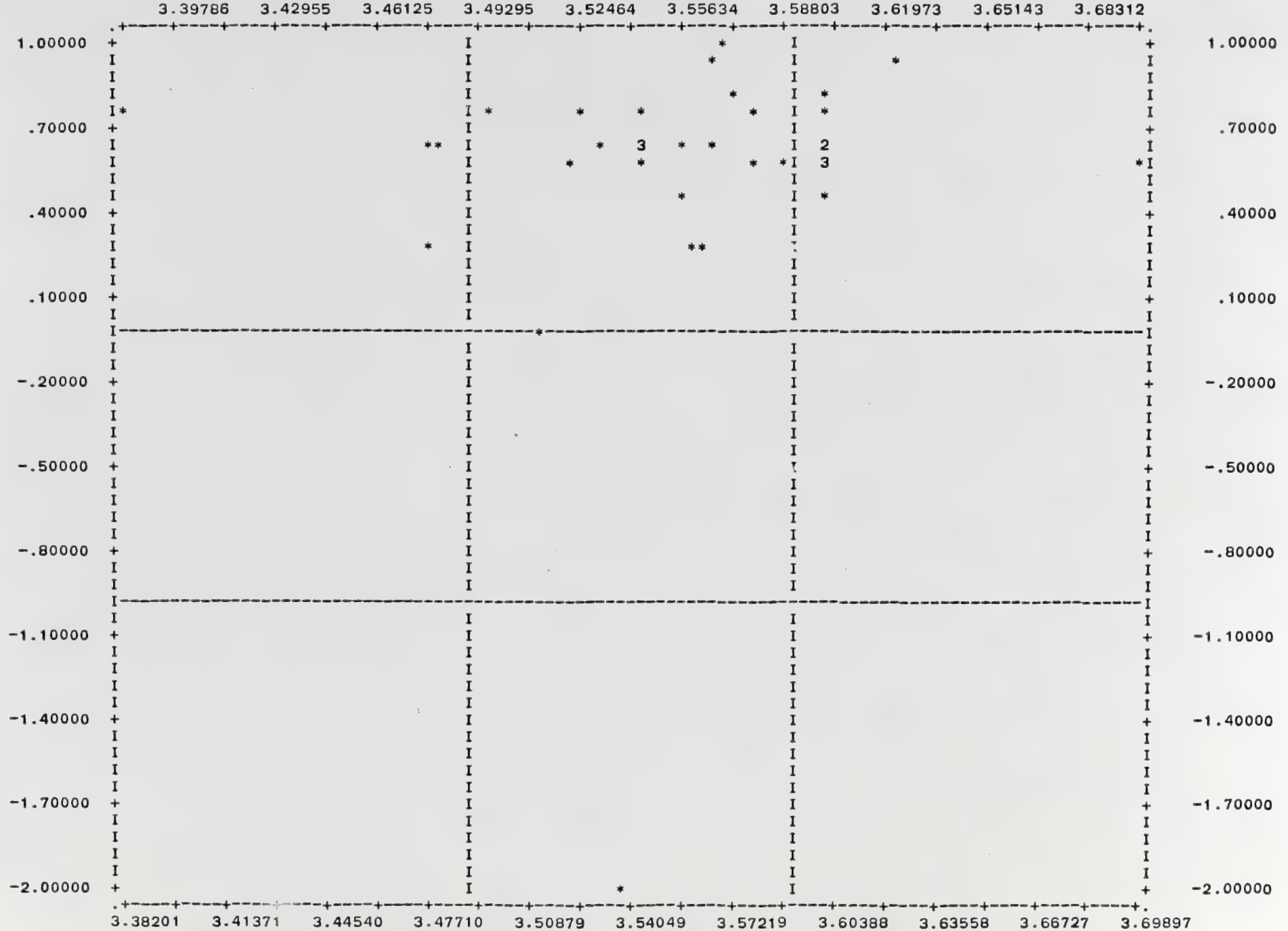


STATISTICS..

CORRELATION (R)-	-.12245	R SQUARED -	.01499	SIGNIFICANCE R -	.21147
STD ERR OF EST -	.32961	INTERCEPT (A) -	3.74705	STD ERROR OF A -	3.49354
SIGNIFICANCE A -	.14472	SLOPE (B) -	-.79397	STD ERROR OF B -	.98135
SIGNIFICANCE B -	.21147				
PLOTTED VALUES -	45	EXCLUDED VALUES-	0	MISSING VALUES -	2

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) AS (ACROSS) COND

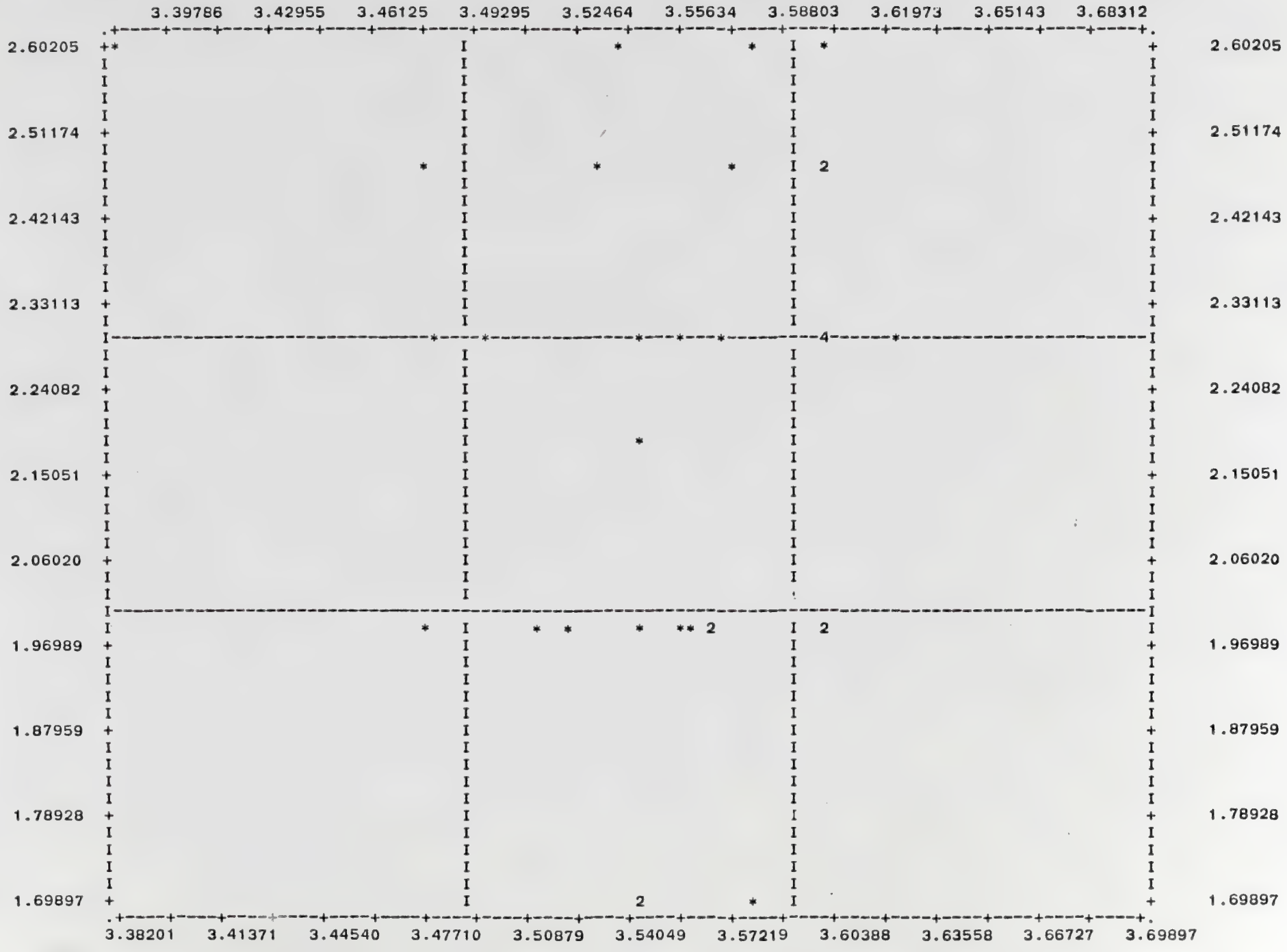


STATISTICS..

CORRELATION (R)-	.09753	R SQUARED -	.00951	SIGNIFICANCE R -	.28573
STD ERR OF EST -	.48951	INTERCEPT (A) -	-2.52593	STD ERROR OF A -	5.43845
SIGNIFICANCE A -	.32264	SLOPE (B) -	.87359	STD ERROR OF B -	1.52878
SIGNIFICANCE B -	.28573				
PLOTTED VALUES -	36	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) BA (ACROSS) COND

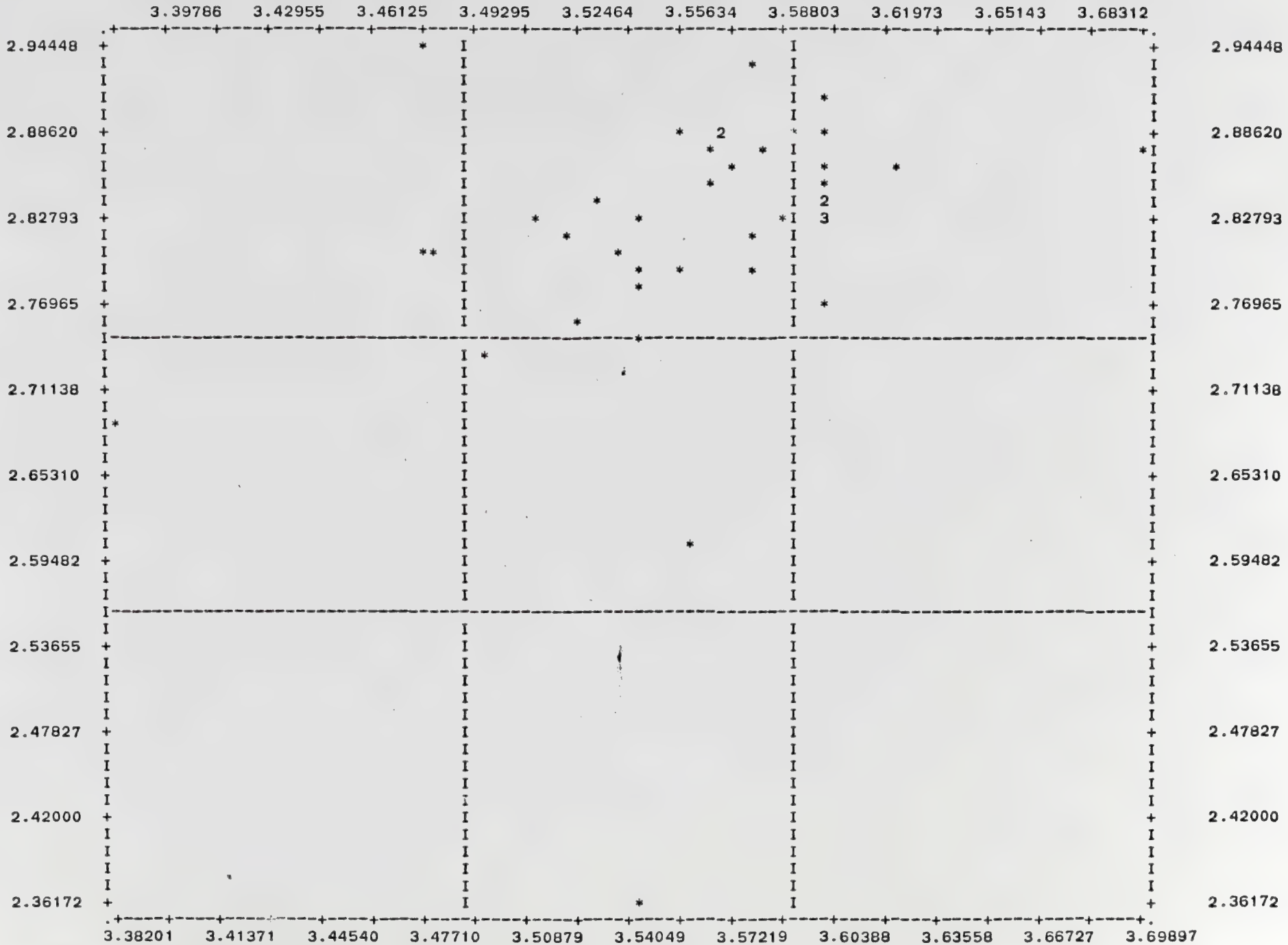


STATISTICS..

CORRELATION (R)-	-.05713	R SQUARED -	.00326	SIGNIFICANCE R -	.37608
STD ERR OF EST -	.27064	INTERCEPT (A) -	3.28523	STD ERROR OF A -	3.35842
SIGNIFICANCE A -	.16777	SLOPE (B) -	-.30106	STD ERROR OF B -	.94490
SIGNIFICANCE B -	.37608				
PLOTTED VALUES -	33	EXCLUDED VALUES-	0	MISSING VALUES -	14

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) B (ACROSS) COND

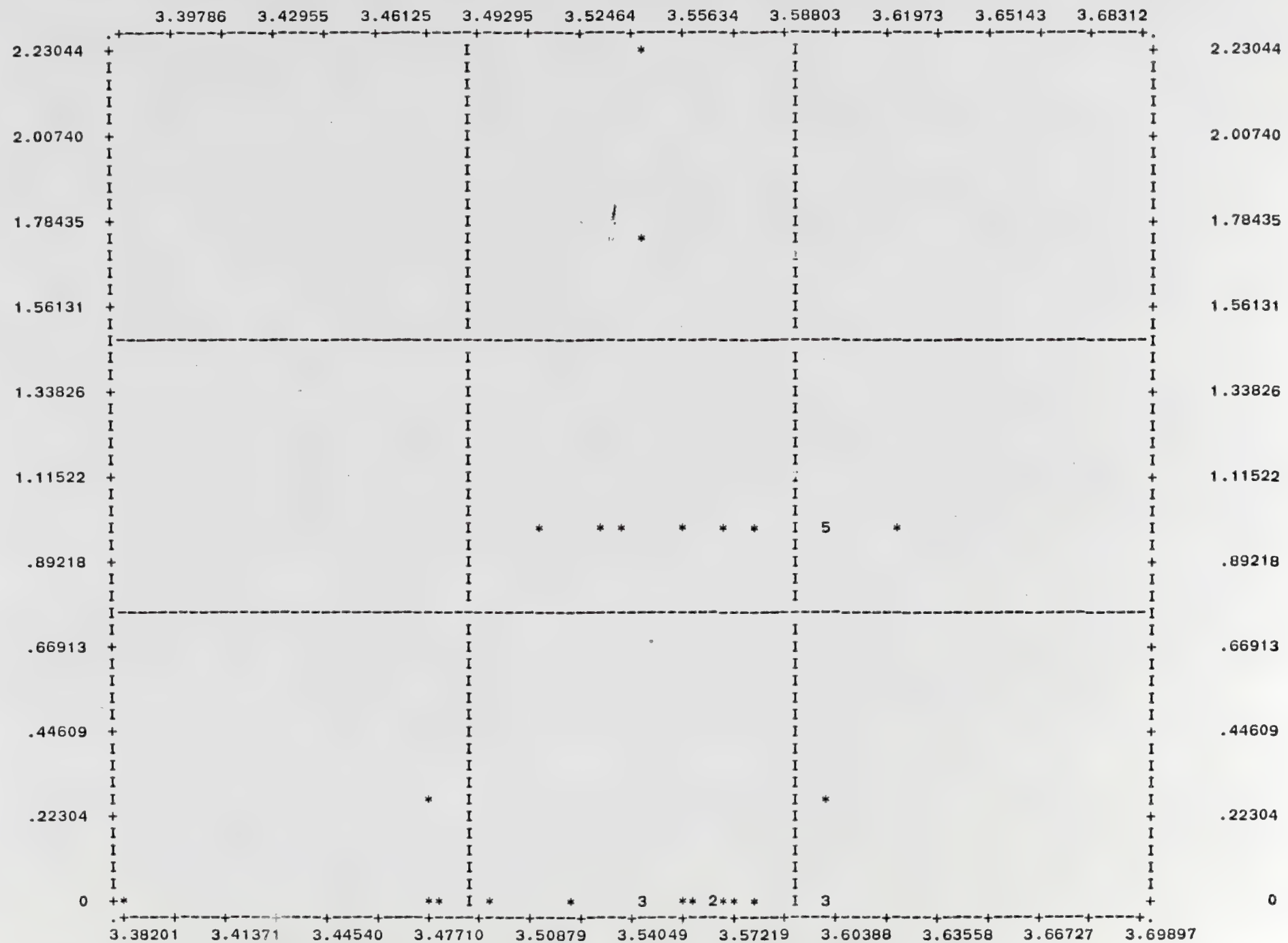


STATISTICS..

CORRELATION (R)-	.29612	R SQUARED -	.08769	SIGNIFICANCE R -	.03006
STD ERR OF EST -	.09347	INTERCEPT (A) -	.86238	STD ERROR OF A -	1.01207
SIGNIFICANCE A -	.19968	SLOPE (B) -	.55015	STD ERROR OF B -	.28415
SIGNIFICANCE B -	.03006				
PLOTTED VALUES -	41	EXCLUDED VALUES-	0	MISSING VALUES -	6

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CD (ACROSS) COND

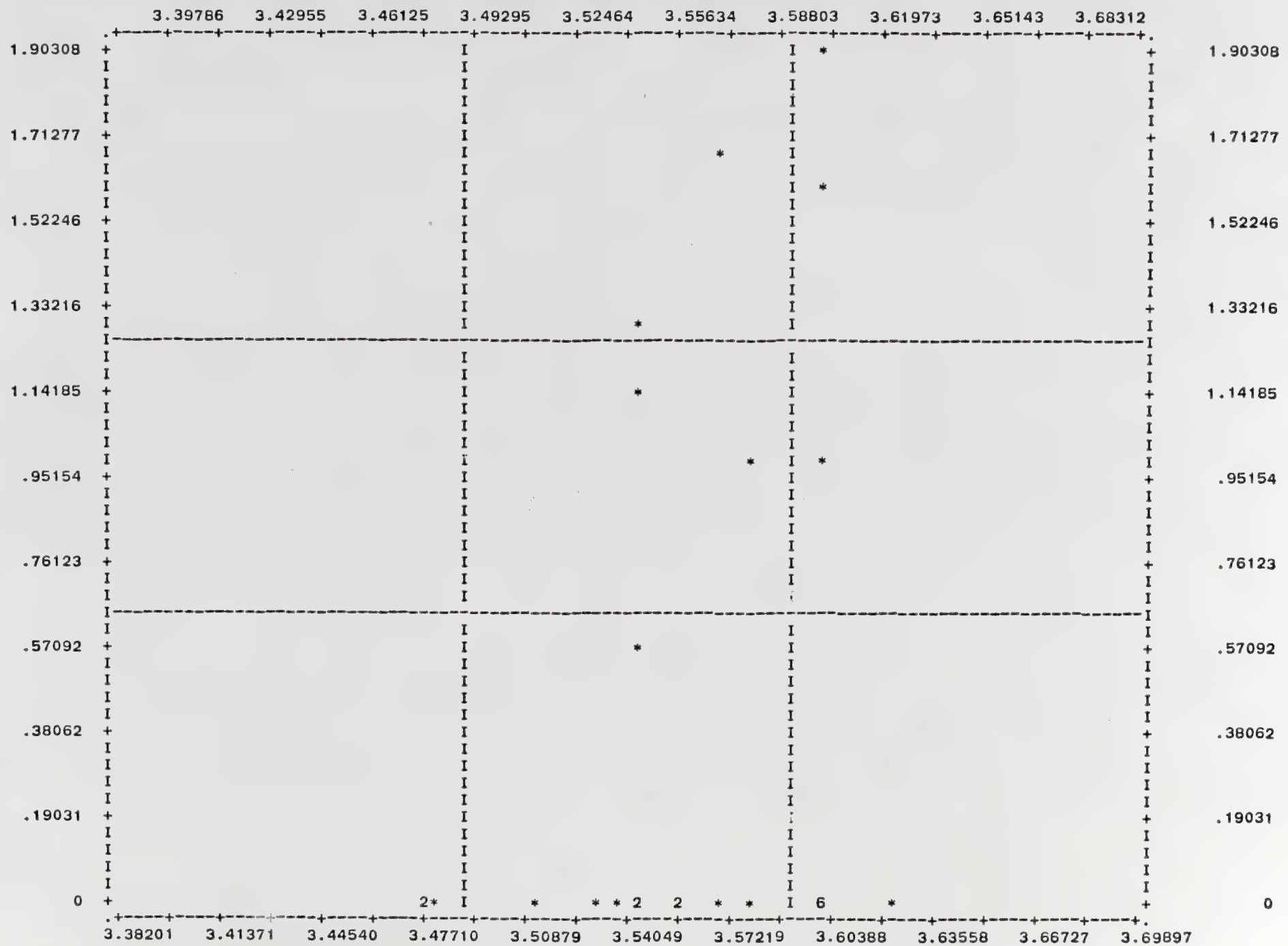


STATISTICS..

CORRELATION (R)-	.21650	R SQUARED -	.04687	SIGNIFICANCE R -	.10938
STD ERR OF EST -	.60288	INTERCEPT (A) -	-8.88539	STD ERROR OF A -	7.47320
SIGNIFICANCE A -	.12160	SLOPE (B) -	2.63733	STD ERROR OF B -	2.10236
SIGNIFICANCE B -	.10938				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CR (ACROSS) COND

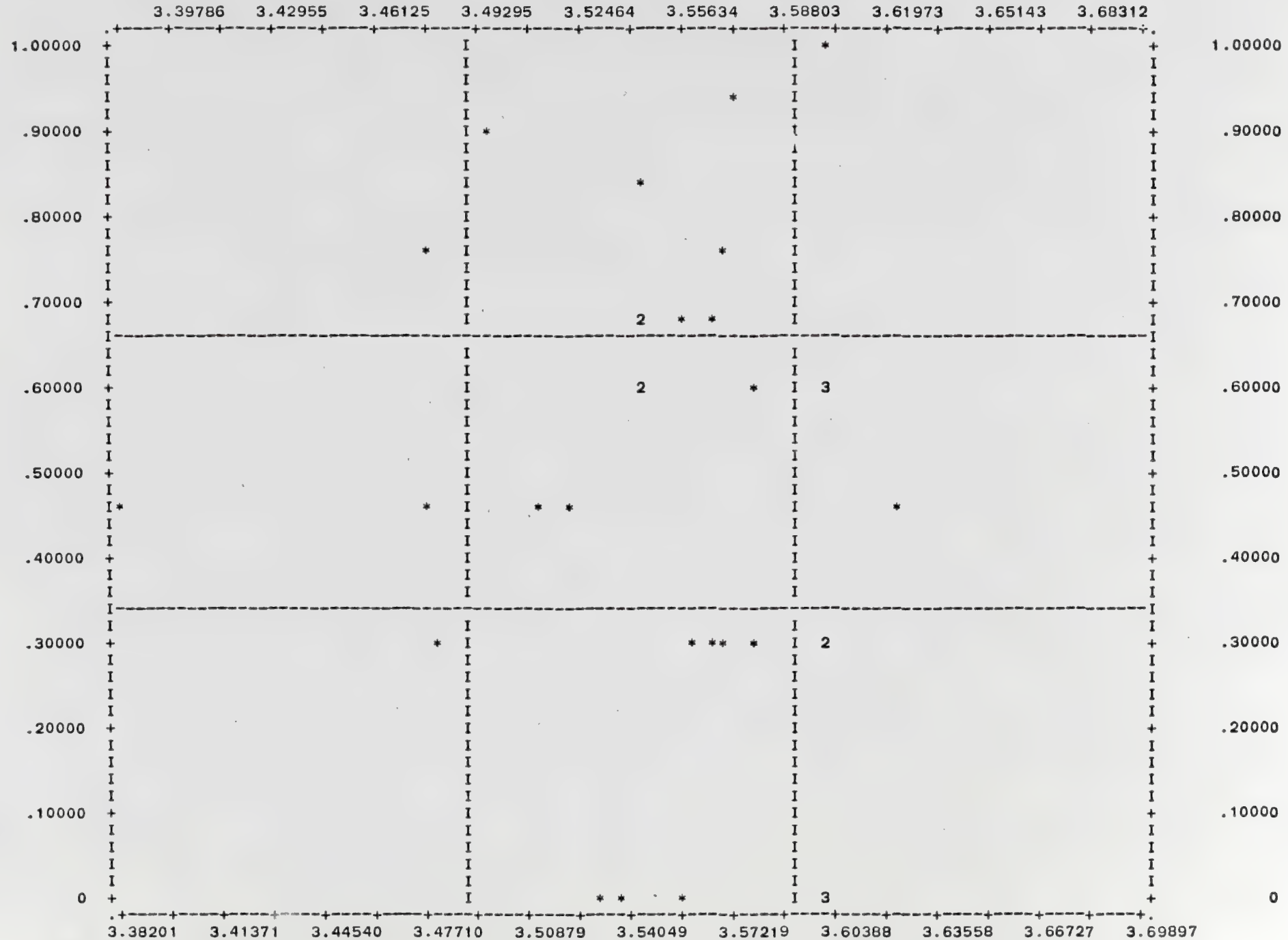


STATISTICS..

CORRELATION (R)-	.21398	R SQUARED -	.04579	SIGNIFICANCE R -	.14192
STD ERR OF EST -	.63597	INTERCEPT (A) -	-11.22359	STD ERROR OF A -	10.59562
SIGNIFICANCE A -	.14980	SLOPE (B) -	3.25744	STD ERROR OF B -	2.97406
SIGNIFICANCE B -	.14192				
PLOTTED VALUES -	27	EXCLUDED VALUES-	0	MISSING VALUES -	20

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) CU (ACROSS) COND

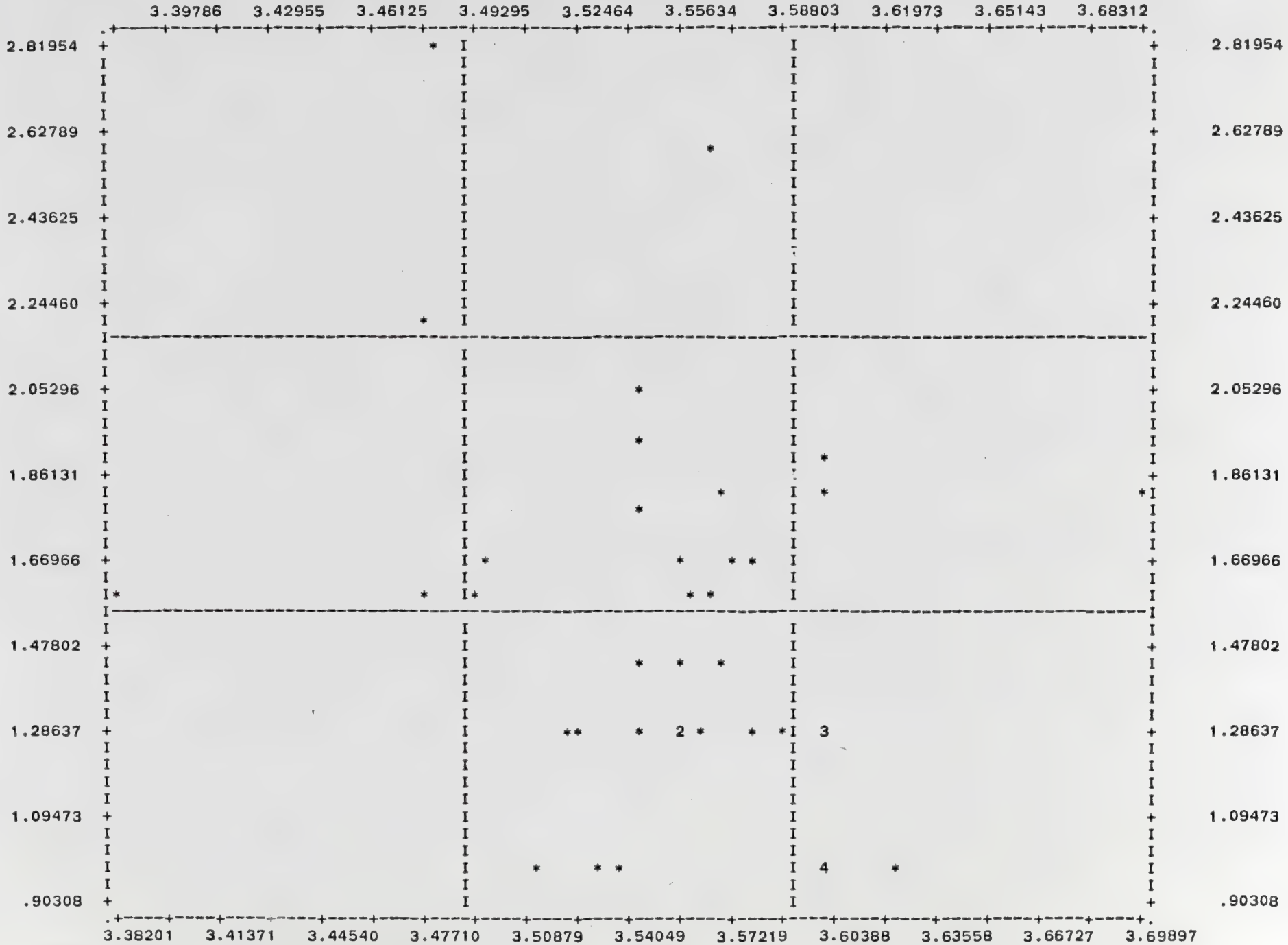


STATISTICS..

CORRELATION (R)-	-.12745	R SQUARED -	.01624	SIGNIFICANCE R -	.23628
STD ERR OF EST -	.29716	INTERCEPT (A) -	3.15268	STD ERROR OF A -	3.68360
SIGNIFICANCE A -	.19922	SLOPE (B) -	-.75328	STD ERROR OF B -	1.03627
SIGNIFICANCE B -	.23628				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) FE (ACROSS) COND

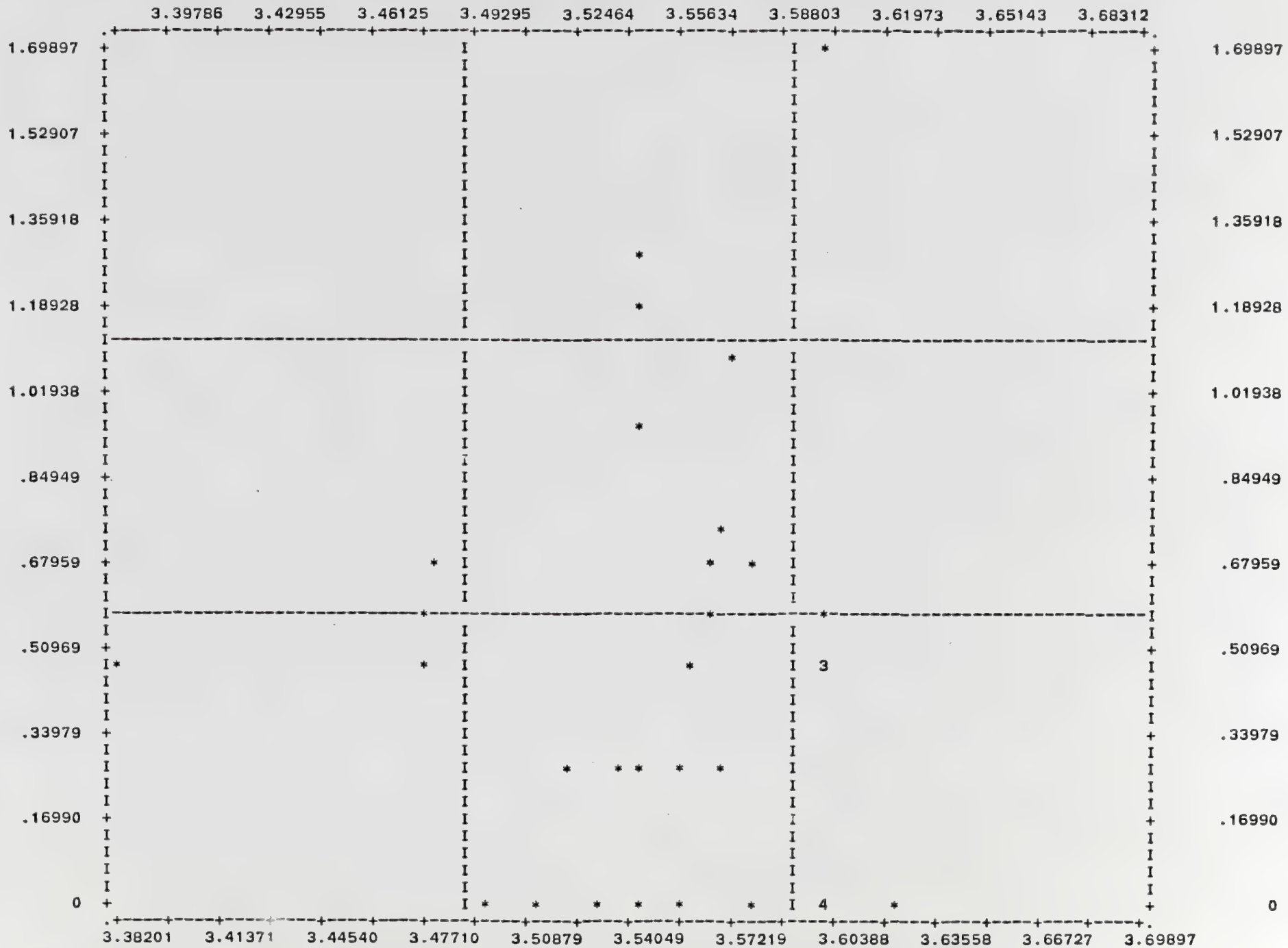


STATISTICS..

CORRELATION (R)-	-.24517	R SQUARED -	.06011	SIGNIFICANCE R -	.06118
STD ERR OF EST -	.41865	INTERCEPT (A) -	8.65301	STD ERROR OF A -	4.51460
SIGNIFICANCE A -	.03131	SLOPE (B) -	-2.00435	STD ERROR OF B -	1.26917
SIGNIFICANCE B -	.06118				
PLOTTED VALUES -	41	EXCLUDED VALUES-	0	MISSING VALUES -	6

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) PB (ACROSS) COND

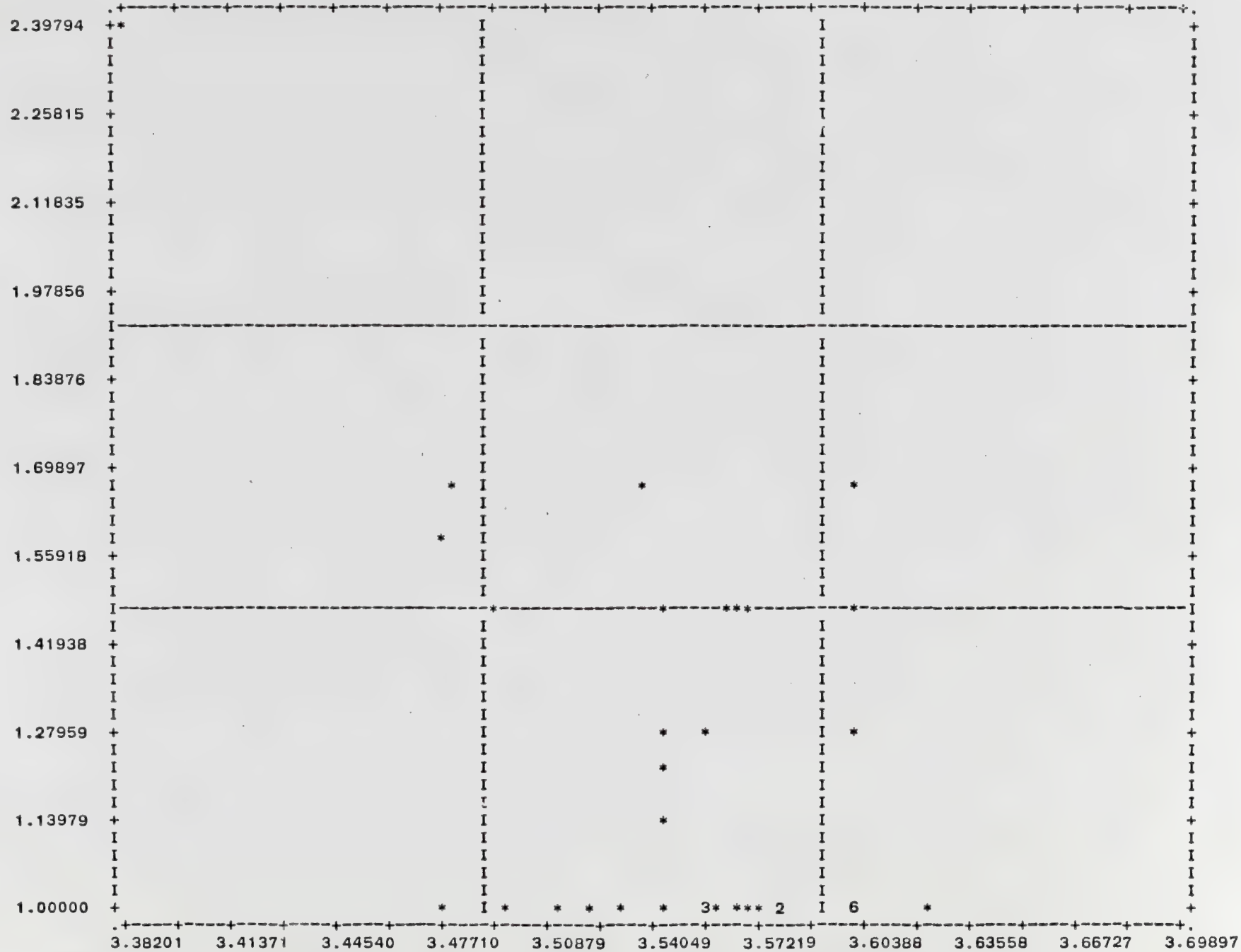


STATISTICS..

CORRELATION (R)-	-.03297	R SQUARED -	.00109	SIGNIFICANCE R -	.42658
STD ERR OF EST -	.44184	INTERCEPT (A) -	1.47254	STD ERROR OF A -	5.47692
SIGNIFICANCE A -	.39488	SLOPE (B) -	-.28751	STD ERROR OF B -	1.54077
SIGNIFICANCE B -	.42658				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) MN (ACROSS) COND

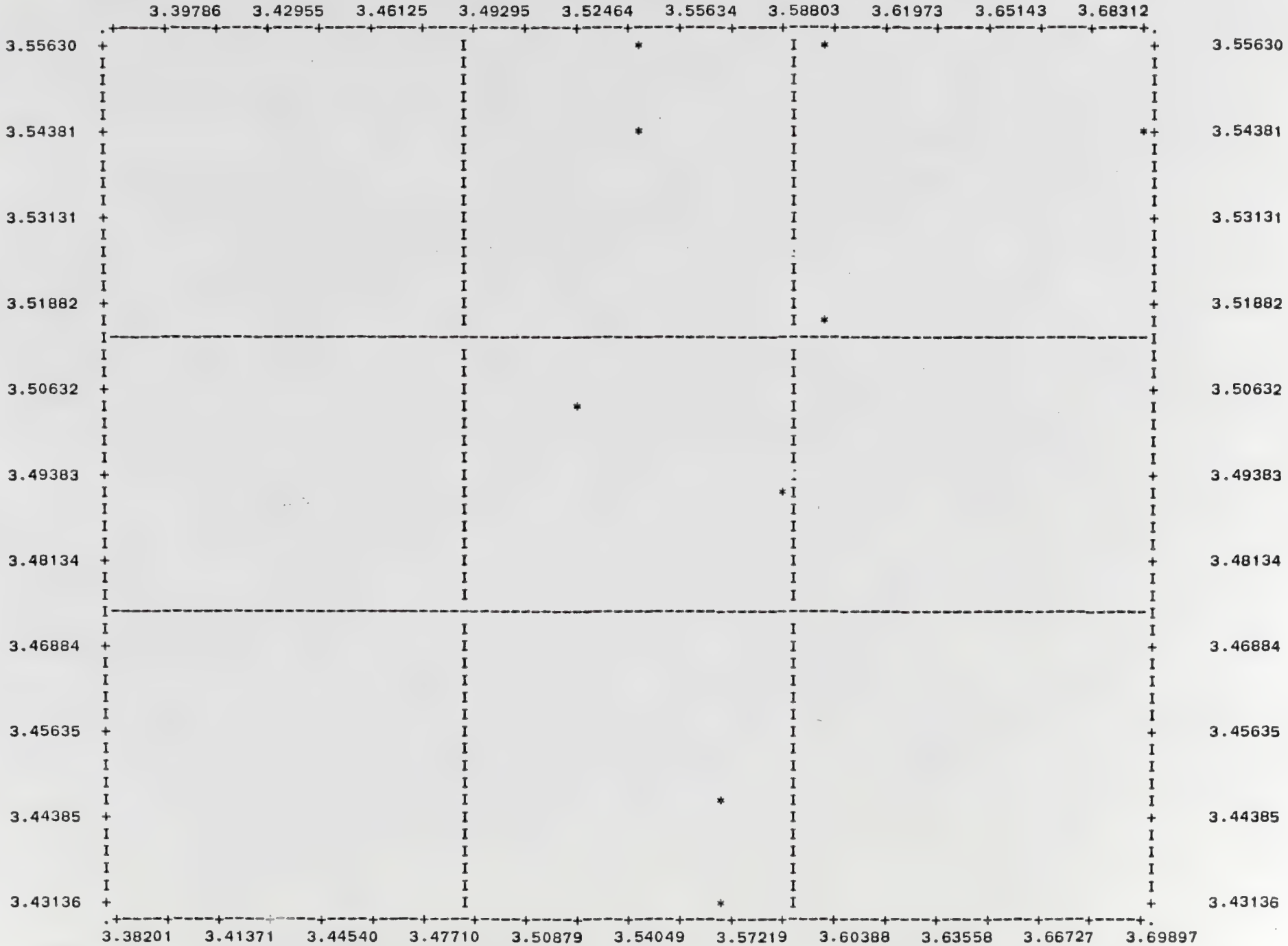


STATISTICS..

CORRELATION (R)-	-.52181	R SQUARED -	.27229	SIGNIFICANCE R -	.00039
STD ERR OF EST -	.27378	INTERCEPT (A) -	13.39012	STD ERROR OF A -	3.31713
SIGNIFICANCE A -	.00014	SLOPE (B) -	-3.42621	STD ERROR OF B -	.93353
SIGNIFICANCE B -	.00039				
PLOTTED VALUES -	38	EXCLUDED VALUES-	0	MISSING VALUES -	9

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) SR (ACROSS) COND

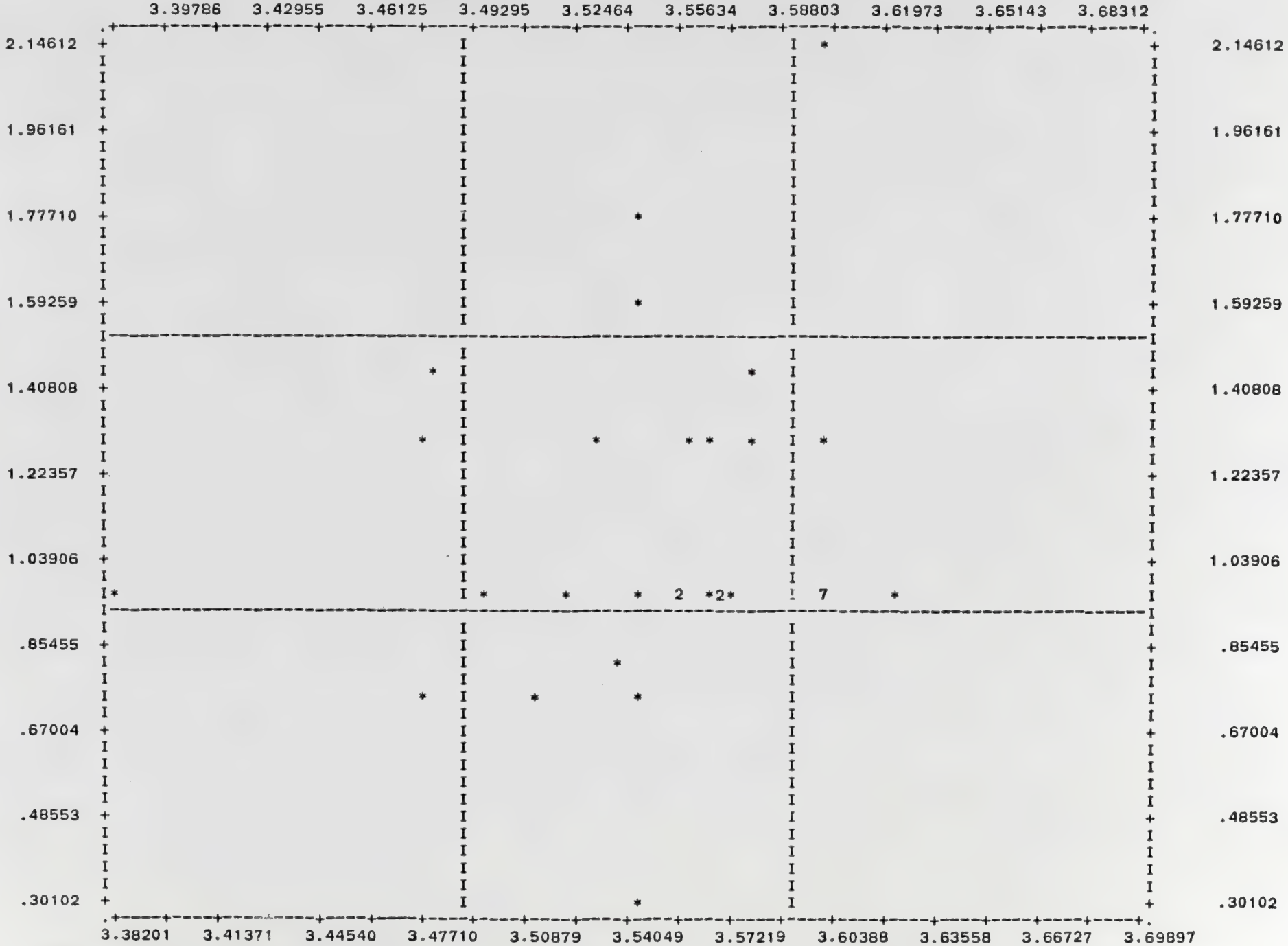


STATISTICS..

CORRELATION (R)-	.21747	R SQUARED -	.04729	SIGNIFICANCE R -	.28703
STD ERR OF EST -	.04836	INTERCEPT (A) -	2.80635	STD ERROR OF A -	1.19460
SIGNIFICANCE A -	.02557	SLOPE (B) -	.19655	STD ERROR OF B -	.33343
SIGNIFICANCE B -	.28703				
PLOTTED VALUES -	9	EXCLUDED VALUES-	0	MISSING VALUES -	38

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) ZN (ACROSS) COND

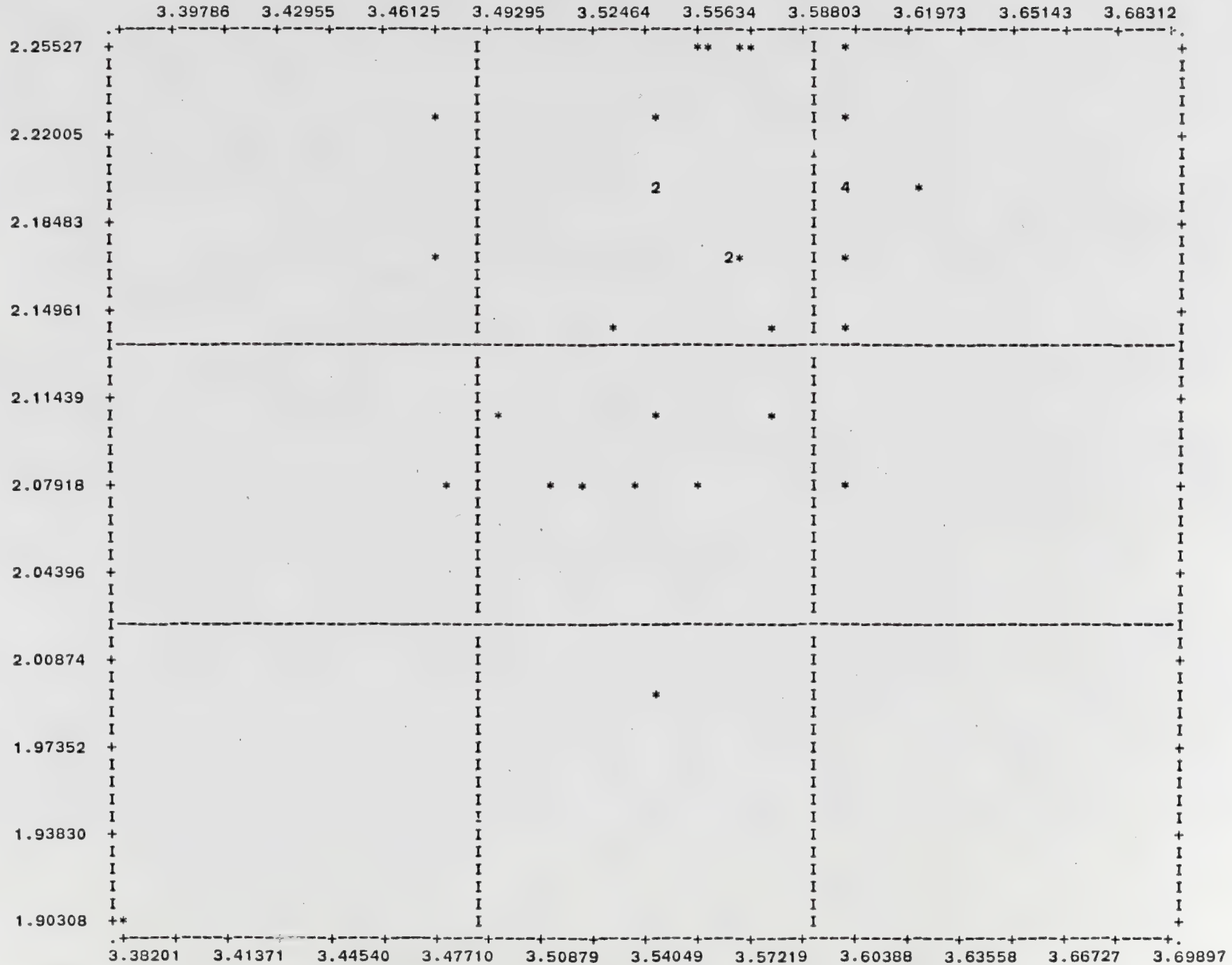


STATISTICS..

CORRELATION (R)-	.09741	R SQUARED -	.00949	SIGNIFICANCE R -	.29184
STD ERR OF EST -	.33024	INTERCEPT (A) -	-1.15540	STD ERROR OF A -	4.09363
SIGNIFICANCE A -	.38979	SLOPE (B) -	.63759	STD ERROR OF B -	1.15162
SIGNIFICANCE B -	.29184				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) LI (ACROSS) COND

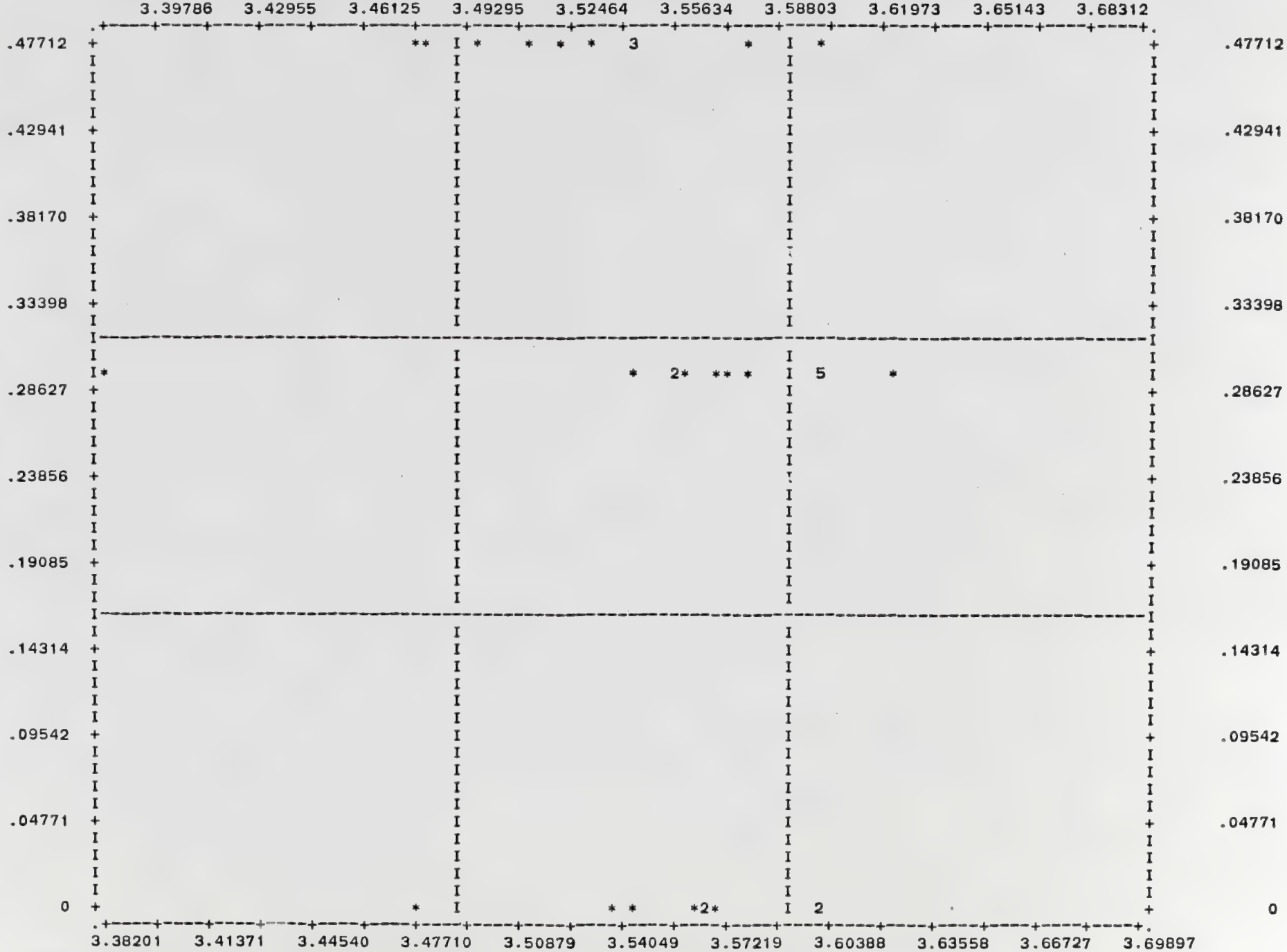


STATISTICS..

CORRELATION (R)-	.54784	R SQUARED -	.30013	SIGNIFICANCE R -	.00040
STD ERR OF EST -	.06824	INTERCEPT (A) -	-.97344	STD ERROR OF A -	.84590
SIGNIFICANCE A -	.12918	SLOPE (B) -	.88154	STD ERROR OF B -	.23797
SIGNIFICANCE B -	.00040				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) SE (ACROSS) COND

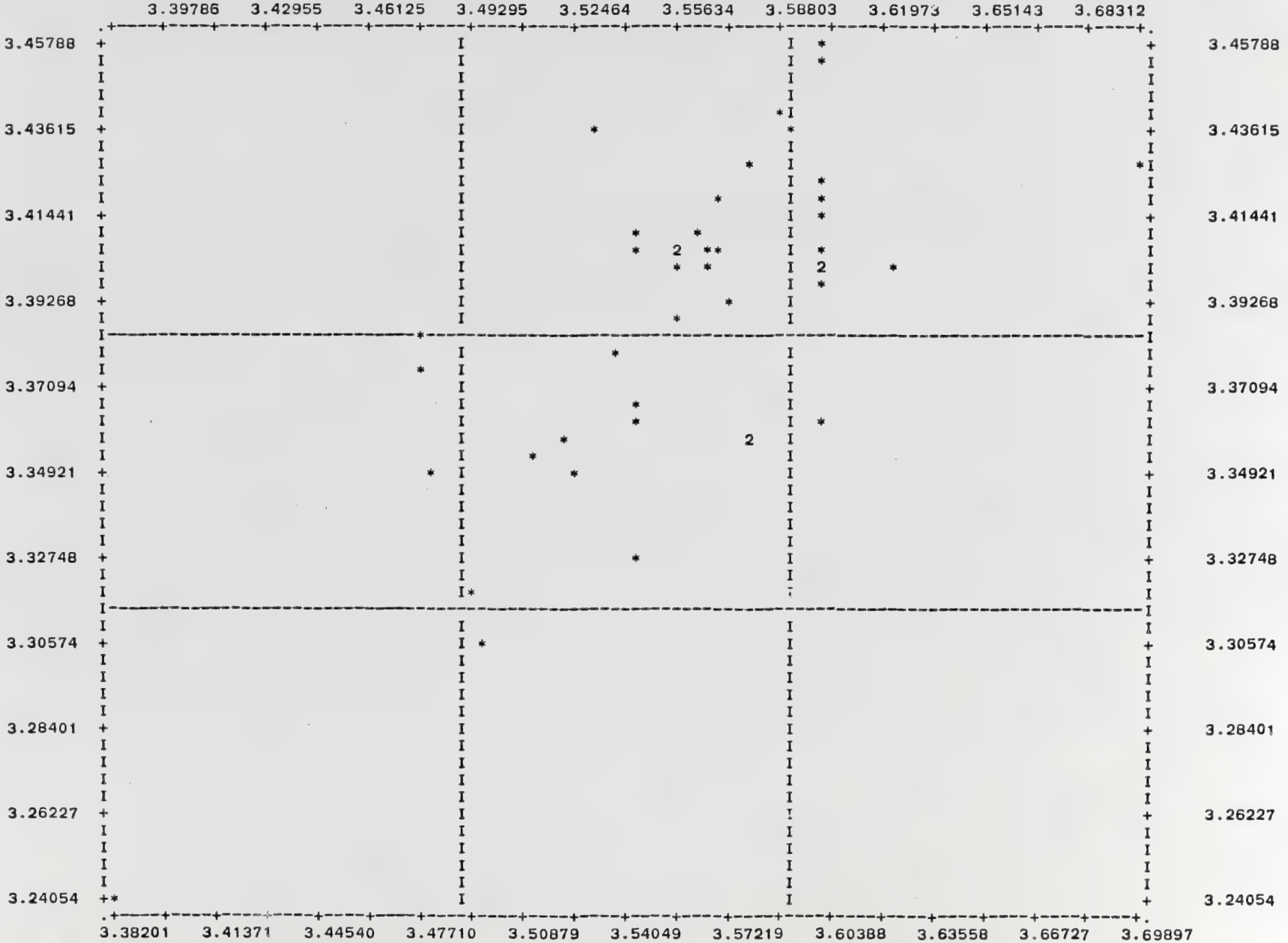


STATISTICS..

CORRELATION (R)-	-.19282	R SQUARED -	.03718	SIGNIFICANCE R -	.13730
STD ERR OF EST -	.18513	INTERCEPT (A) -	2.86429	STD ERROR OF A -	2.32656
SIGNIFICANCE A -	.11362	SLOPE (B) -	-.72780	STD ERROR OF B -	.65473
SIGNIFICANCE B -	.13730				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) TDS (ACROSS) COND

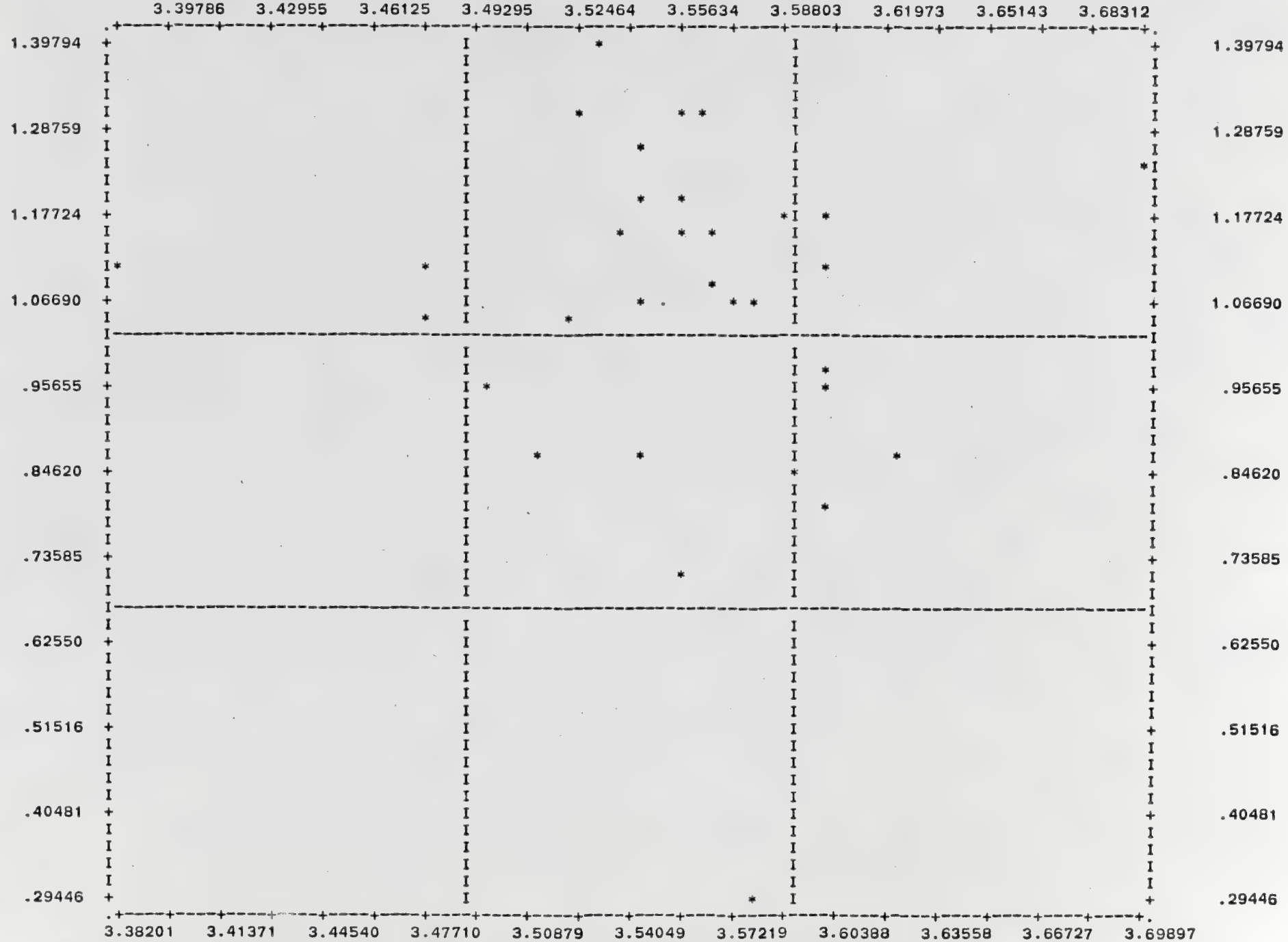


STATISTICS..

CORRELATION (R)-	.71713	R SQUARED -	.51427	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.02957	INTERCEPT (A) -	1.32159	STD ERROR OF A -	.31412
SIGNIFICANCE A -	.00007	SLOPE (B) -	.58145	STD ERROR OF B -	.08825
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	43	EXCLUDED VALUES-	0	MISSING VALUES -	4

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) TDSLOAD (ACROSS) COND

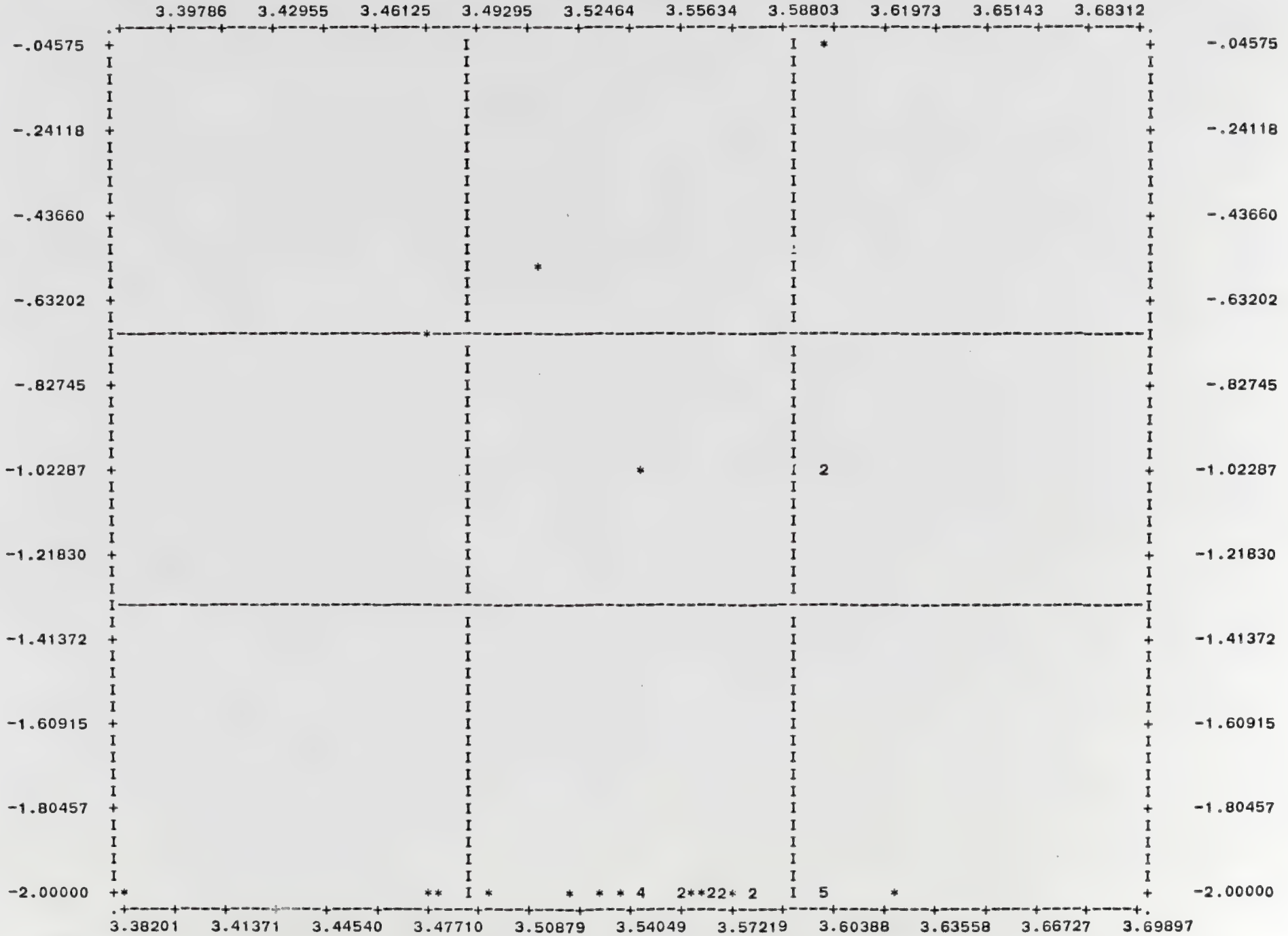


STATISTICS..

CORRELATION (R)-	-.08567	R SQUARED -	.00734	SIGNIFICANCE R -	.32054
STD ERR OF EST -	.21871	INTERCEPT (A) -	2.28281	STD ERROR OF A -	2.57503
SIGNIFICANCE A -	.19119	SLOPE (B) -	-.34099	STD ERROR OF B -	.72403
SIGNIFICANCE B -	.32054				
PLOTTED VALUES -	32	EXCLUDED VALUES-	0	MISSING VALUES -	15

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE USGSALL (CREATION DATE = 77/02/03.) TRACT C-A SURFACE WATER STATIONS
SCATTERGRAM OF (DOWN) HG (ACROSS) COND



STATISTICS..

CORRELATION (R)-	.02906	R SQUARED -	.00084	SIGNIFICANCE R -	.43521
STD ERR OF EST -	.52819	INTERCEPT (A) -	-2.86405	STD ERROR OF A -	6.63784
SIGNIFICANCE A -	.33451	SLOPE (B) -	.30719	STD ERROR OF B -	1.86800
SIGNIFICANCE d -	.43521				
PLOTTED VALUES -	34	EXCLUDED VALUES-	0	MISSING VALUES -	13

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FINISH

RUN COMPLETED

NUMBER OF CONTROL CARDS READ 15
NUMBER OF ERRORS DETECTED 0

ALLUVIAL AQUIFER MONITORING PROGRAM SAMPLES

LOWER AQUIFER (2) METHOD 3

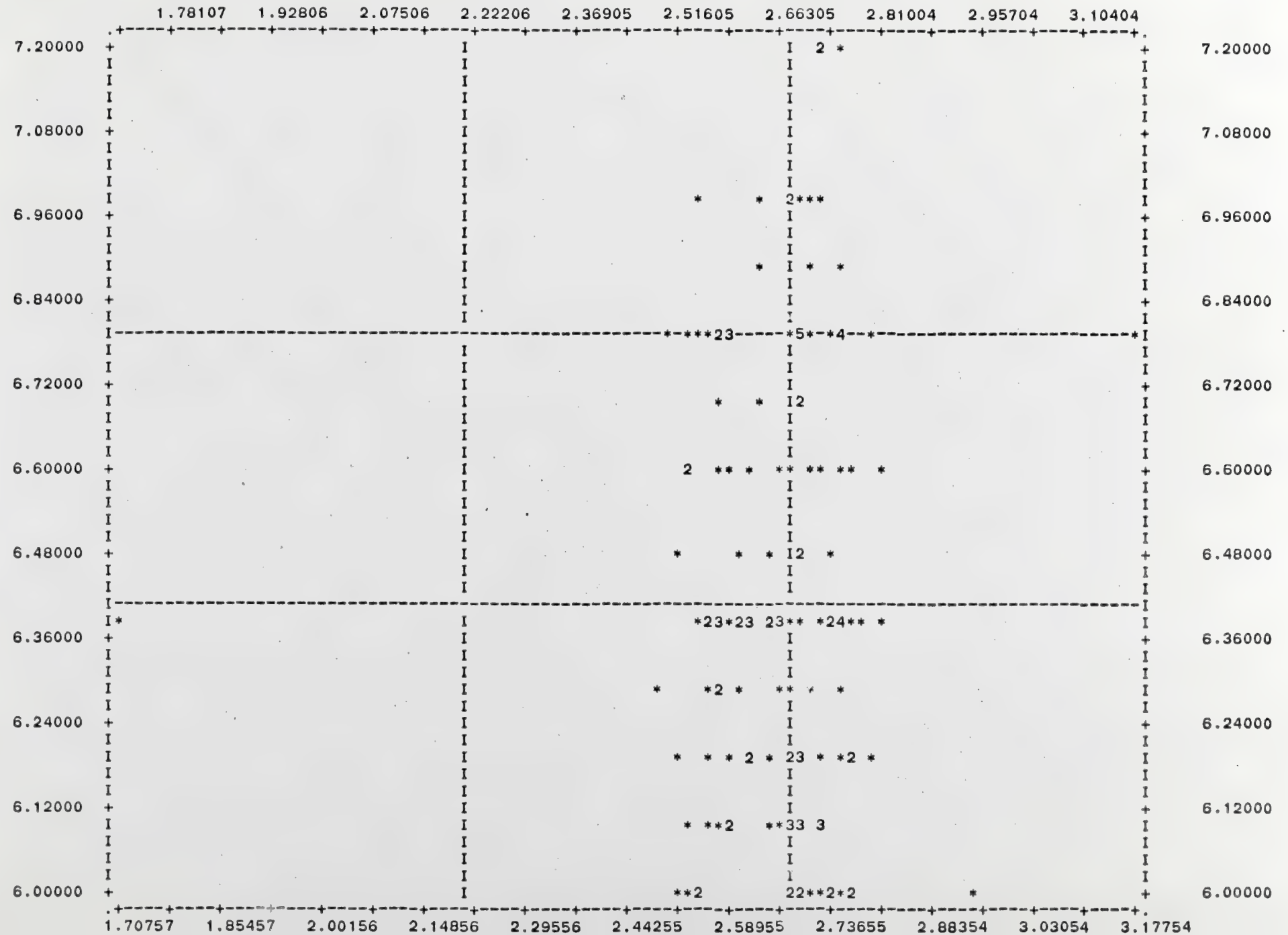
```
TASK NAME       ALLUVIAL AQUIFER (3) METHOD 3
*SELECT IF      (METHOD EQ 3 AND AQUIF EQ 3)
SCATTERGRAM     PH,ALK,TDS,CALCIUM TO SILICA,GYPSUM,CALCITE
STATISTICS      ALL
```

GIVEN 13 VARIABLES, INITIAL CM ALLOWS FOR 1020 CASES, MAXIMUM CM ALLOWS FOR 2482 CASES.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) PH (ACROSS) ALK

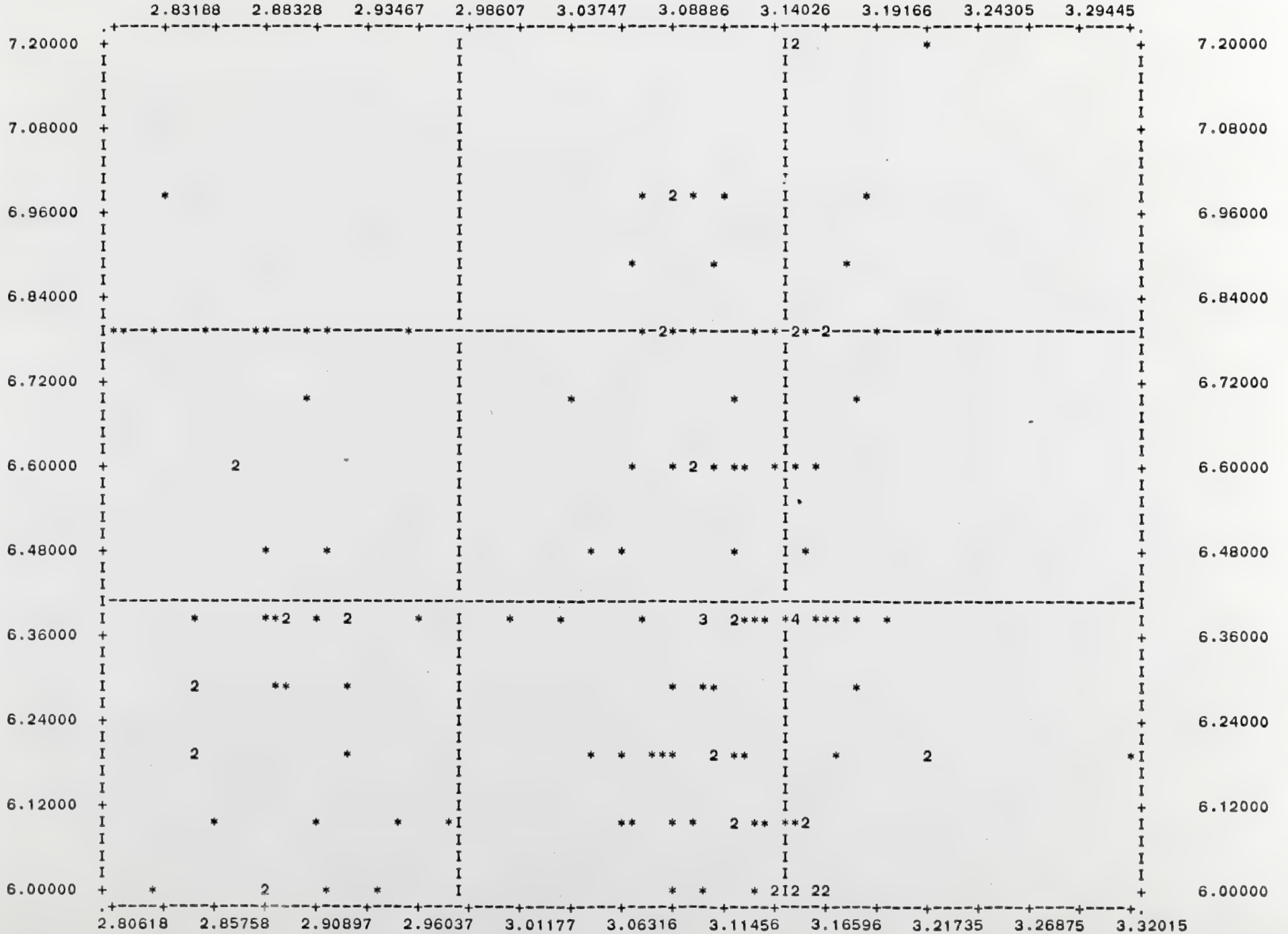


STATISTICS..

CORRELATION (R)-	.04846	R SQUARED -	.00235	SIGNIFICANCE R -	.28134
STD ERR OF EST -	.31514	INTERCEPT (A) -	6.10706	STD ERROR OF A -	.57917
SIGNIFICANCE A -	.00001	SLOPE (B) -	.12621	STD ERROR OF B -	.21752
SIGNIFICANCE B -	.28134				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) TDS

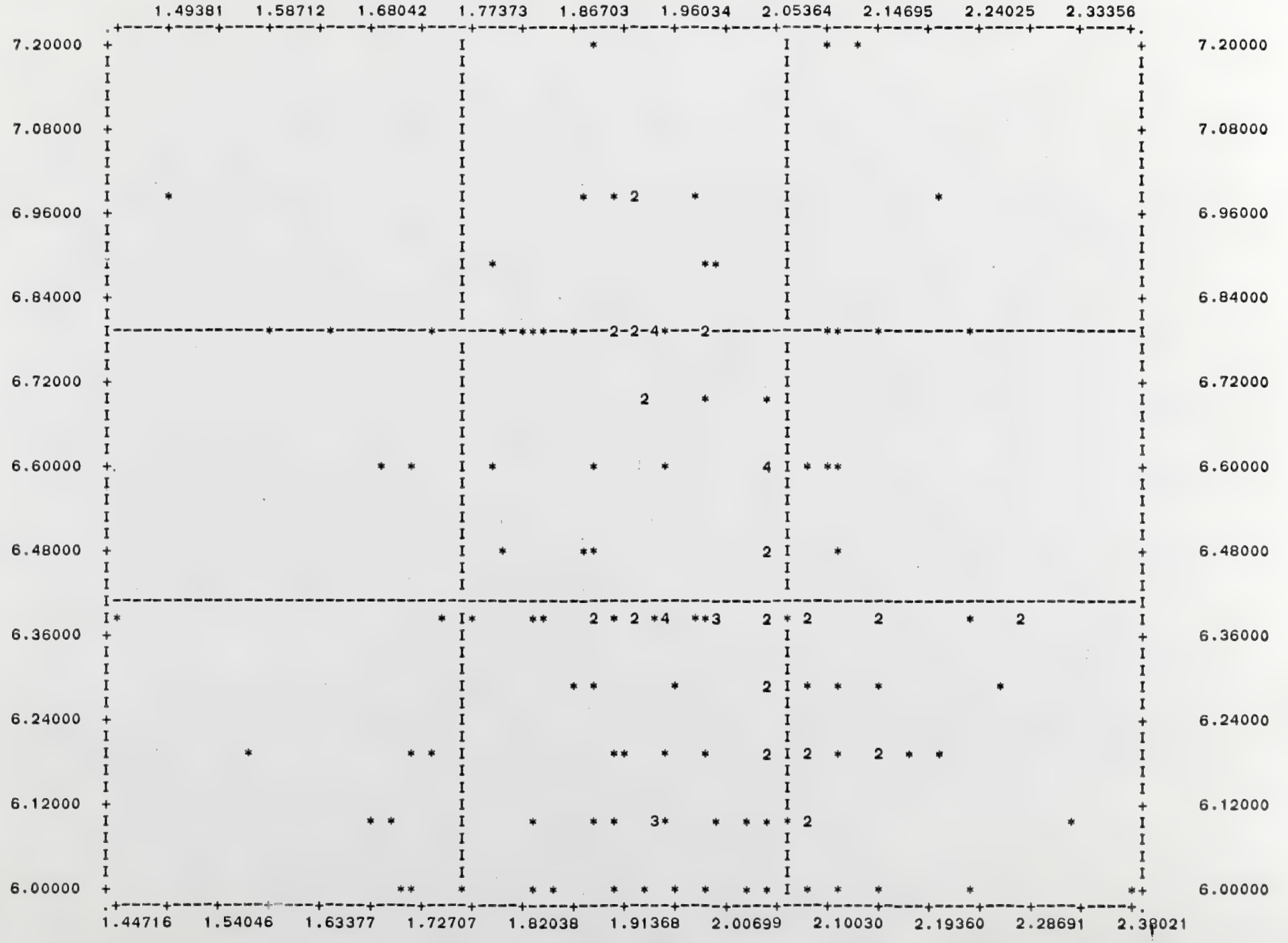


STATISTICS..

CORRELATION (R)-	.01413	R SQUARED -	.00020	SIGNIFICANCE R -	.43301
STD ERR OF EST -	.31548	INTERCEPT (A) -	6.32714	STD ERROR OF A -	.68456
SIGNIFICANCE A -	.00001	SLOPE (B) -	.03780	STD ERROR OF B -	.22362
SIGNIFICANCE B -	.43301				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) CALCIUM

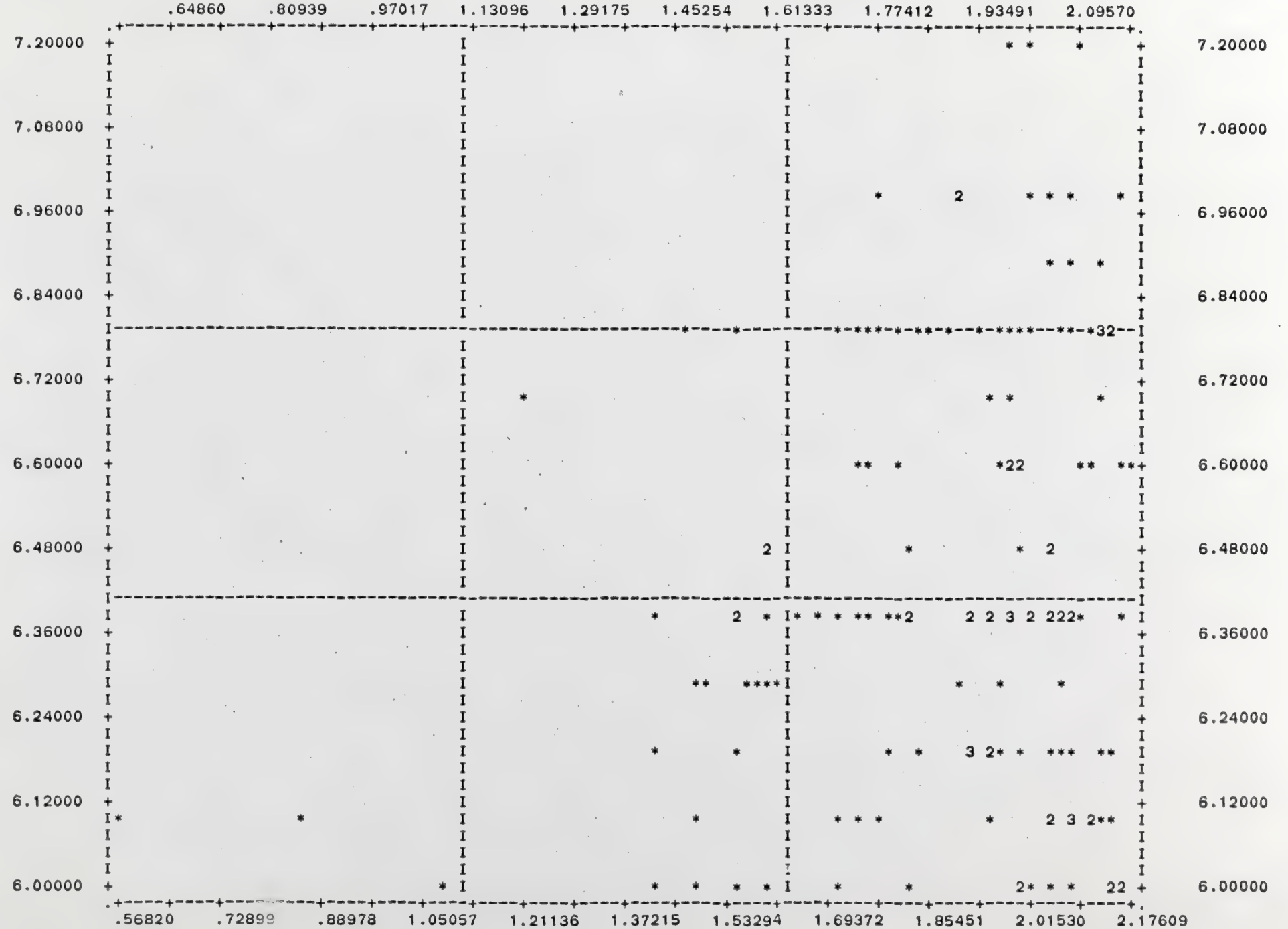


STATISTICS..

CORRELATION (R)-	-.11427	R SQUARED -	.01306	SIGNIFICANCE R -	.08556
STD ERR OF EST -	.31344	INTERCEPT (A) -	6.88842	STD ERROR OF A -	.32504
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.22677	STD ERROR OF B -	.16486
SIGNIFICANCE B -	.08556				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) MAGNESUM

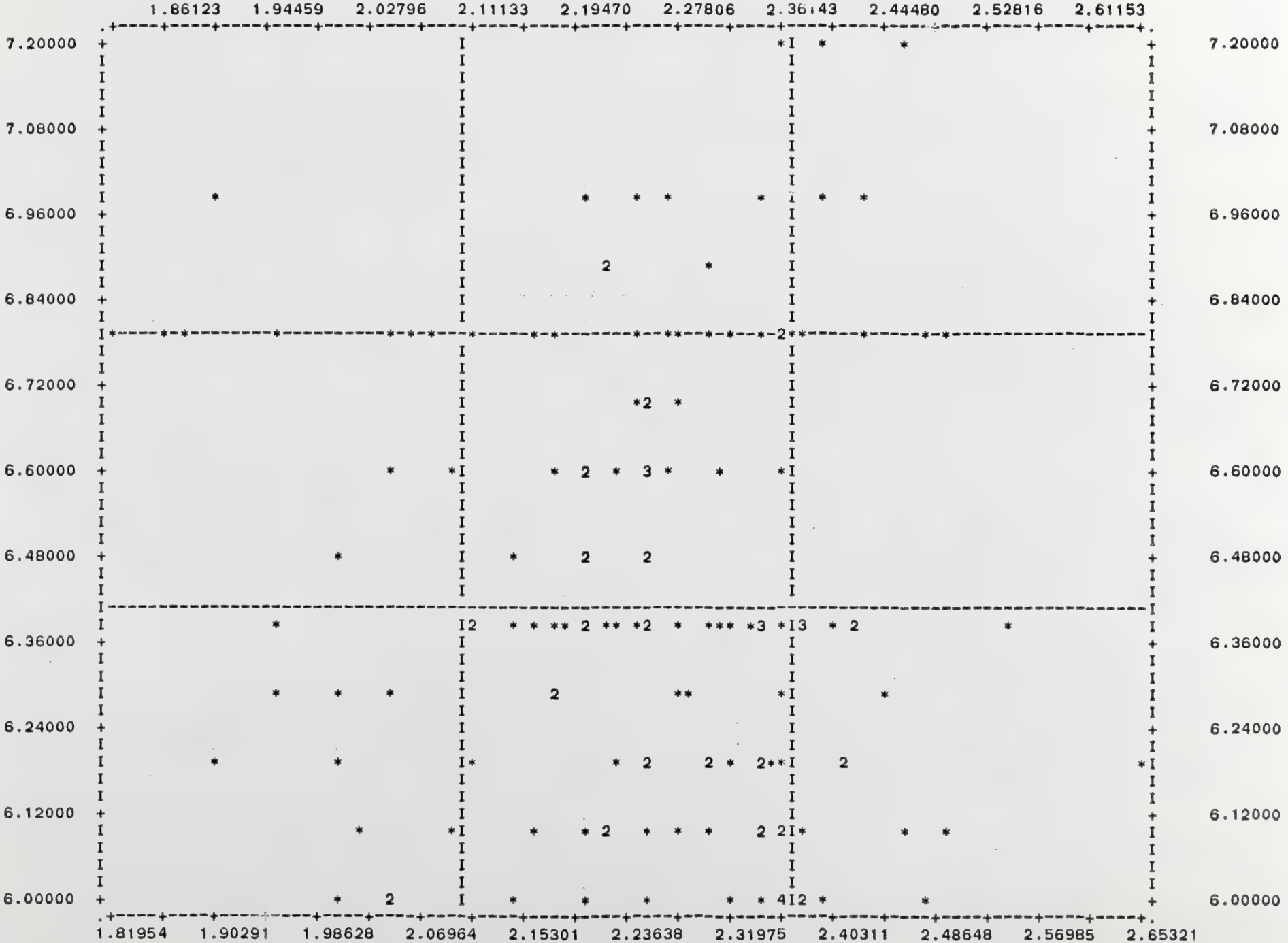


STATISTICS..

CORRELATION (R)-	.19288	R SQUARED -	.03720	SIGNIFICANCE R -	.01005
STD ERR OF EST -	.30958	INTERCEPT (A) -	6.00437	STD ERROR OF A -	.18826
SIGNIFICANCE A -	.00001	SLOPE (B) -	.23269	STD ERROR OF B -	.09899
SIGNIFICANCE B -	.01005				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) SODIUM

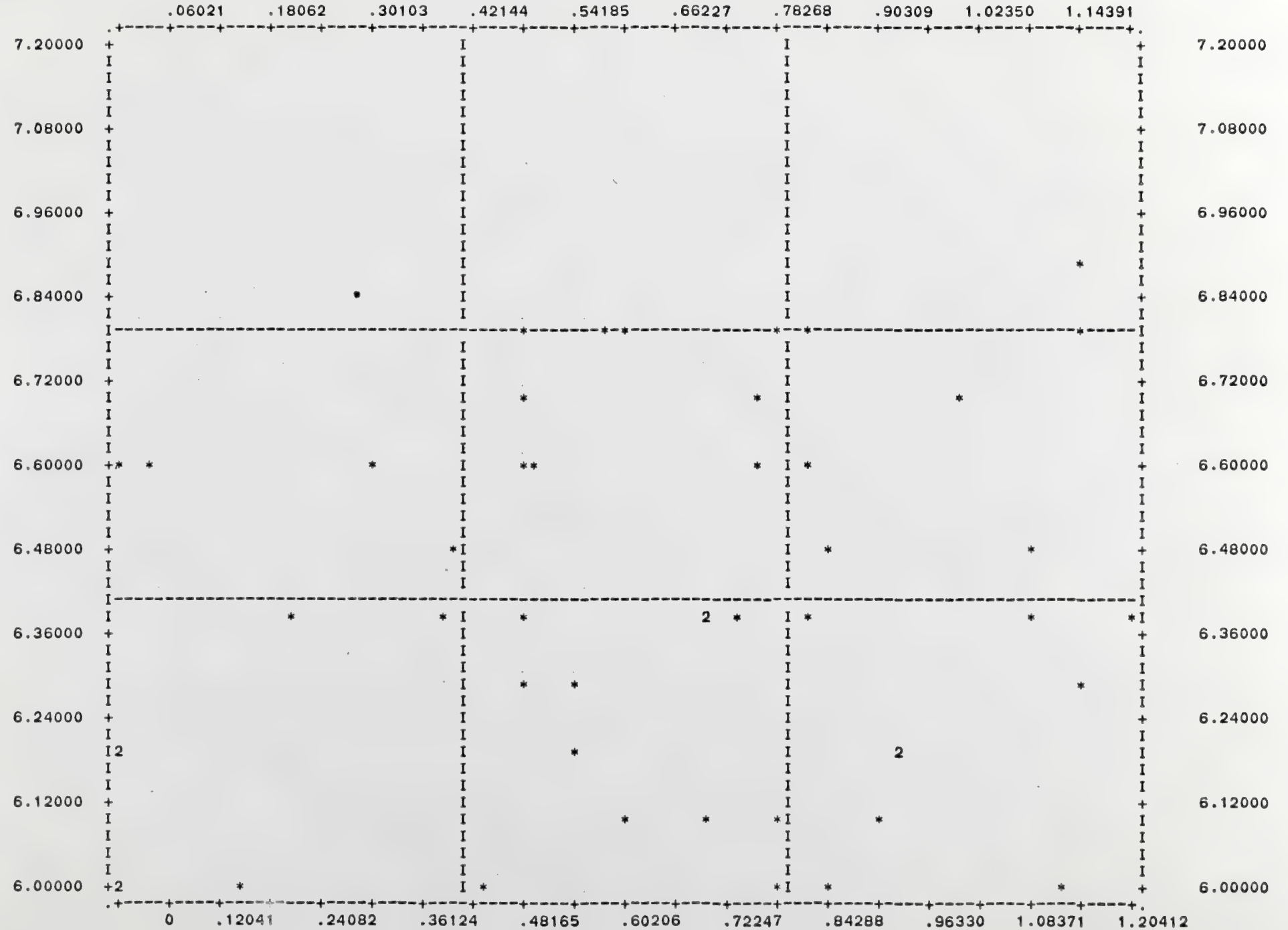


STATISTICS..

CORRELATION (R)-	-.07637	R SQUARED -	.00583	SIGNIFICANCE R -	.18062
STD ERR OF EST -	.31459	INTERCEPT (A) -	6.81065	STD ERROR OF A -	.40250
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.16322	STD ERROR OF B -	.17819
SIGNIFICANCE B -	.18062				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) POTASS



STATISTICS..

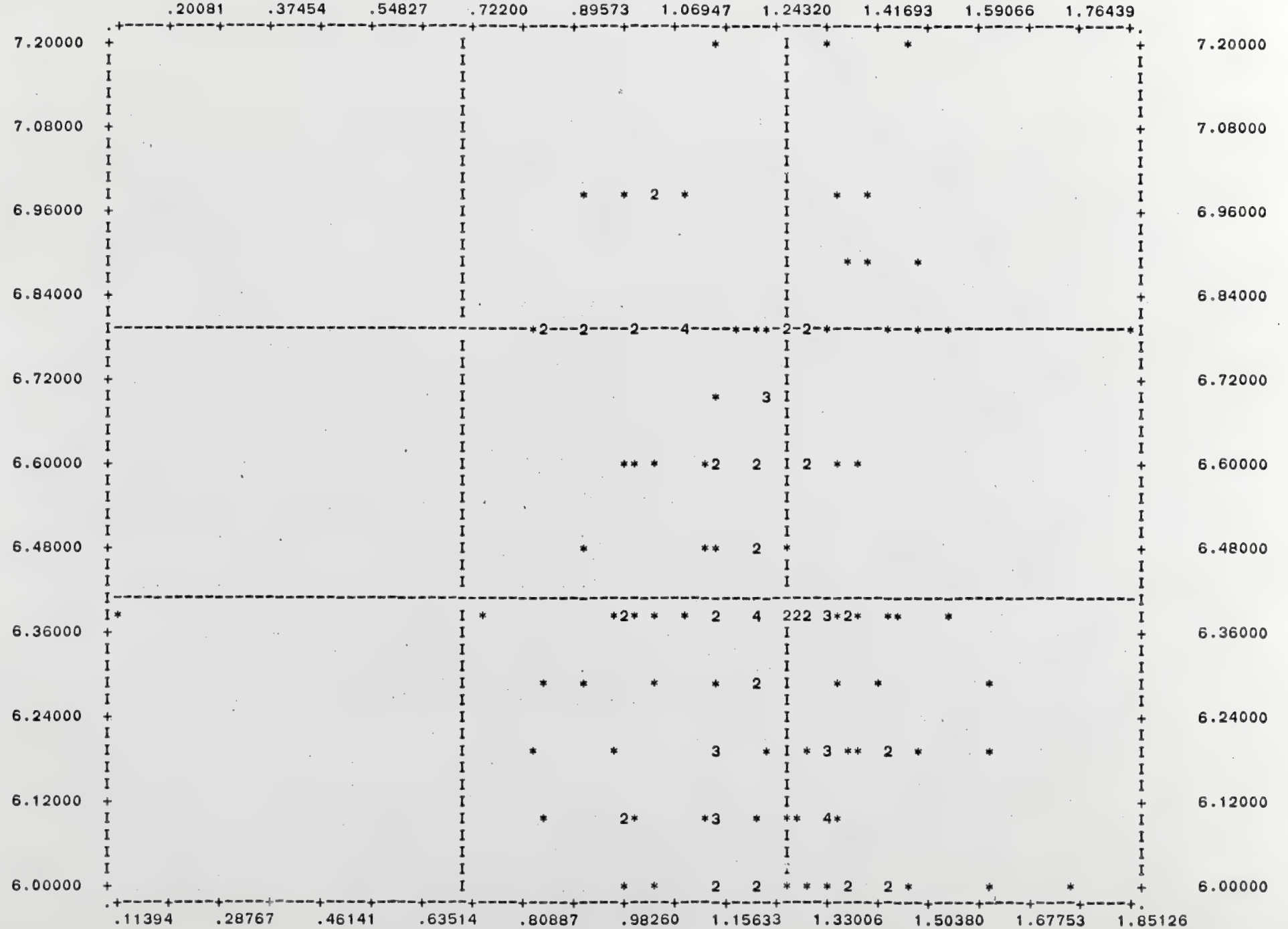
CORRELATION (R)-	.17242	R SQUARED -	.02973	SIGNIFICANCE R -	.12062
STD ERR OF EST -	.27168	INTERCEPT (A) -	6.31888	STD ERROR OF A -	.08184
SIGNIFICANCE A -	.00001	SLOPE (B) -	.13579	STD ERROR OF B -	.11438
SIGNIFICANCE B -	.12062				
PLOTTED VALUES -	48	EXCLUDED VALUES-	0	MISSING VALUES -	108

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) PH (ACROSS) CHLORIDE



STATISTICS..

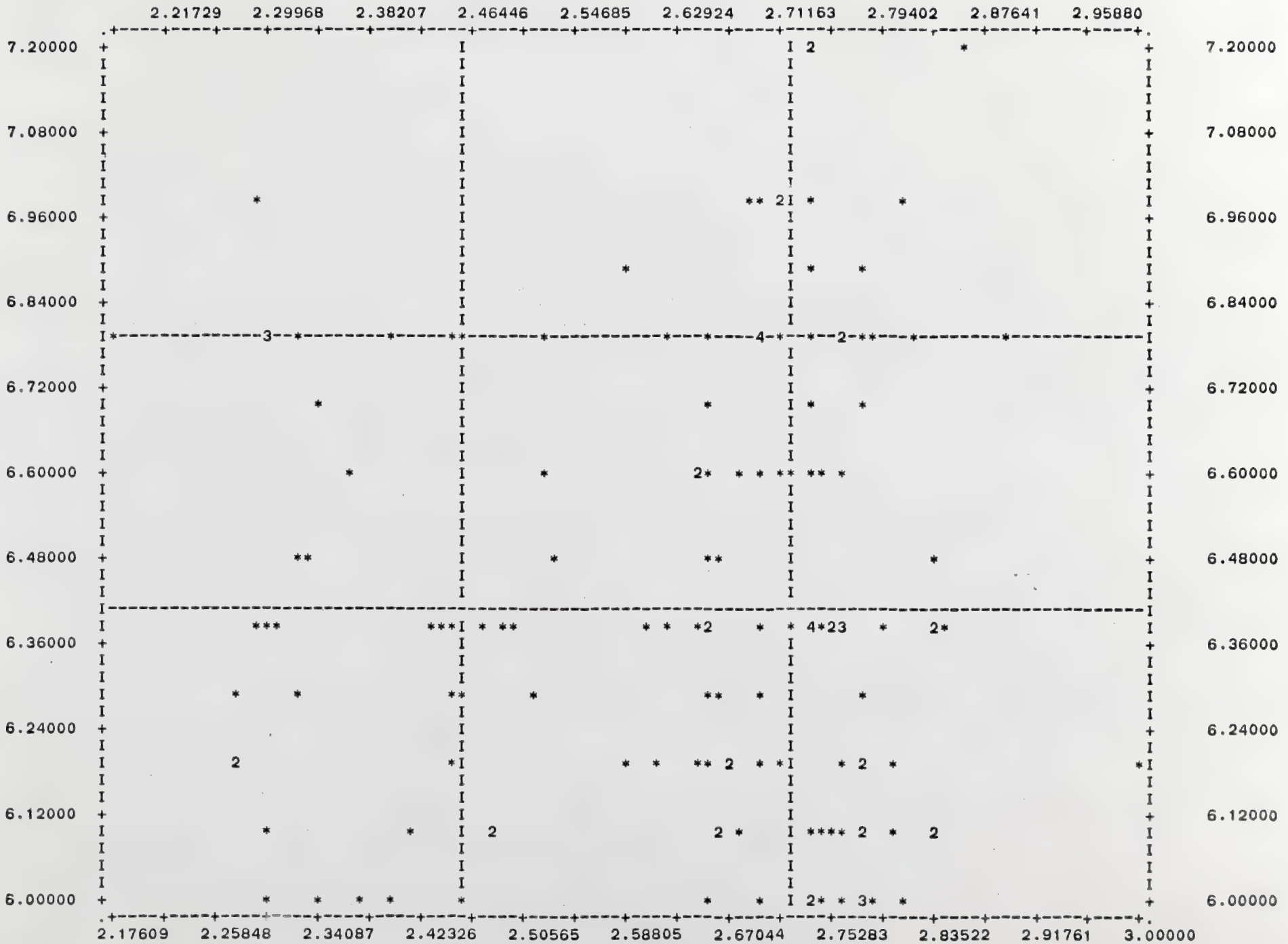
CORRELATION (R)-	-.09886	R SQUARED -	.00977	SIGNIFICANCE R -	.11839
STD ERR OF EST -	.31396	INTERCEPT (A) -	6.61875	STD ERROR OF A -	.15041
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.14560	STD ERROR OF B -	.12256
SIGNIFICANCE B -	.11839				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) PH (ACROSS) SULFATE

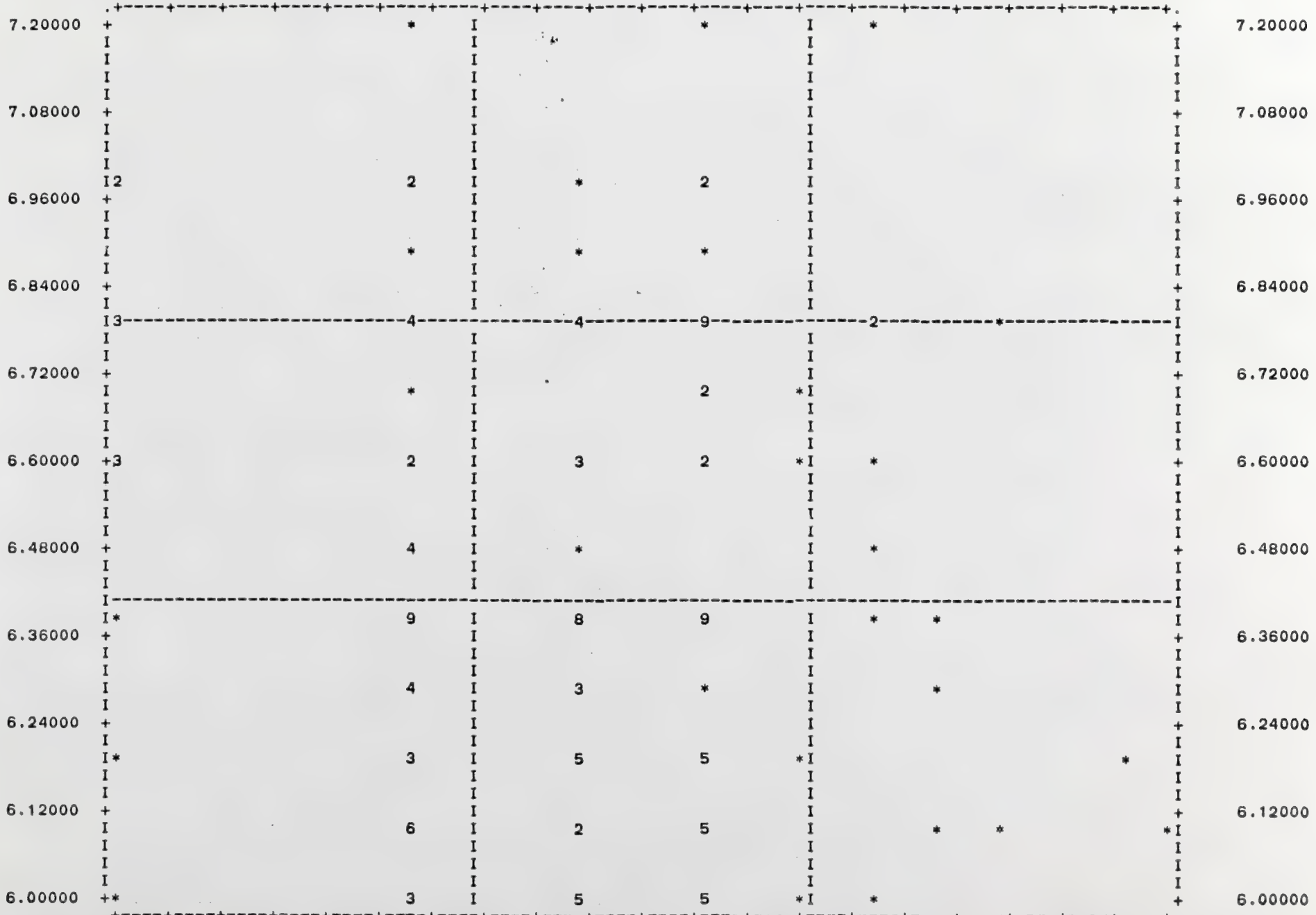


STATISTICS..

CORRELATION (R)-	.00676	R SQUARED -	.00005	SIGNIFICANCE R -	.46783
STD ERR OF EST -	.31550	INTERCEPT (A) -	6.41069	STD ERROR OF A -	.39739
SIGNIFICANCE A -	.00001	SLOPE (B) -	.01219	STD ERROR OF B -	.15072
SIGNIFICANCE B -	.46783				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) FLUORIDE



STATISTICS..

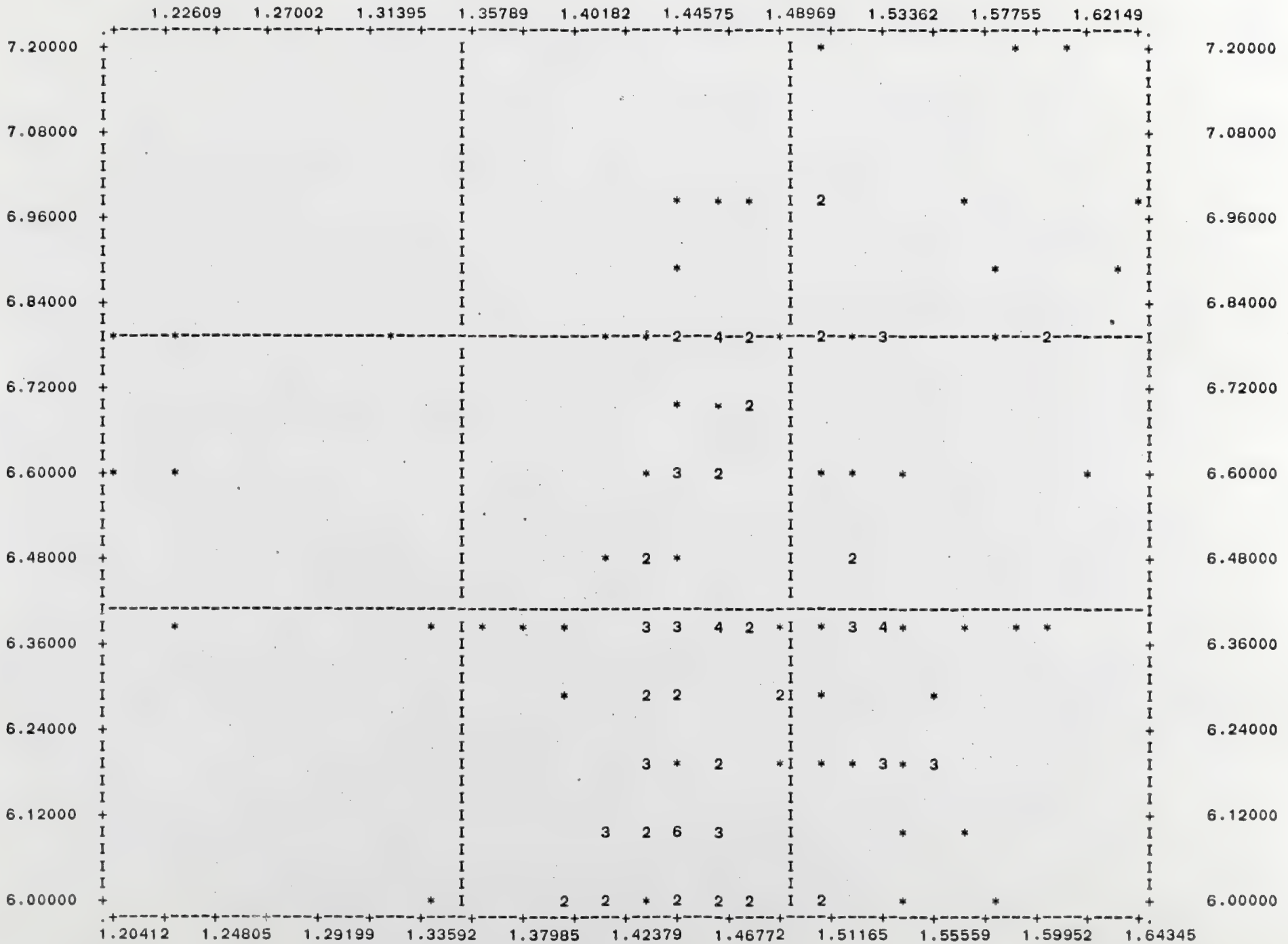
CORRELATION (R)-	-.09980	R SQUARED -	.00996	SIGNIFICANCE R -	.11699
STD ERR OF EST -	.31501	INTERCEPT (A) -	6.36592	STD ERROR OF A -	.06967
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.14573	STD ERROR OF B -	.12193
SIGNIFICANCE B -	.11699				
PLOTTED VALUES -	144	EXCLUDED VALUES-	0	MISSING VALUES -	12

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) PH (ACROSS) SILICA



STATISTICS..

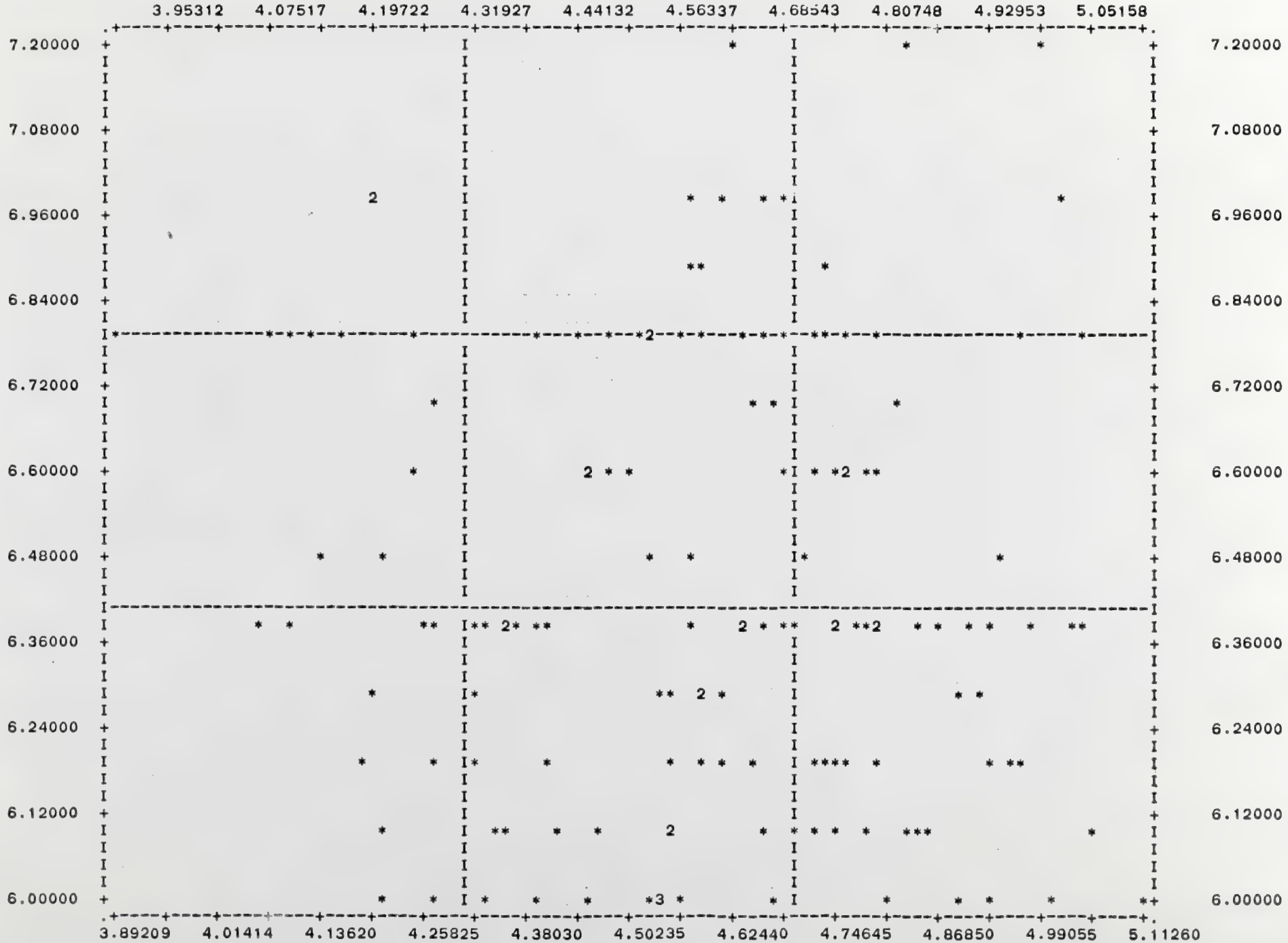
CORRELATION (R)-	.13983	R SQUARED -	.01955	SIGNIFICANCE R -	.04672
STD ERR OF EST -	.31241	INTERCEPT (A) -	5.59584	STD ERROR OF A -	.50218
SIGNIFICANCE A -	.00001	SLOPE (B) -	.57507	STD ERROR OF B -	.34053
SIGNIFICANCE B -	.04672				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) PH (ACROSS) GYPSUM

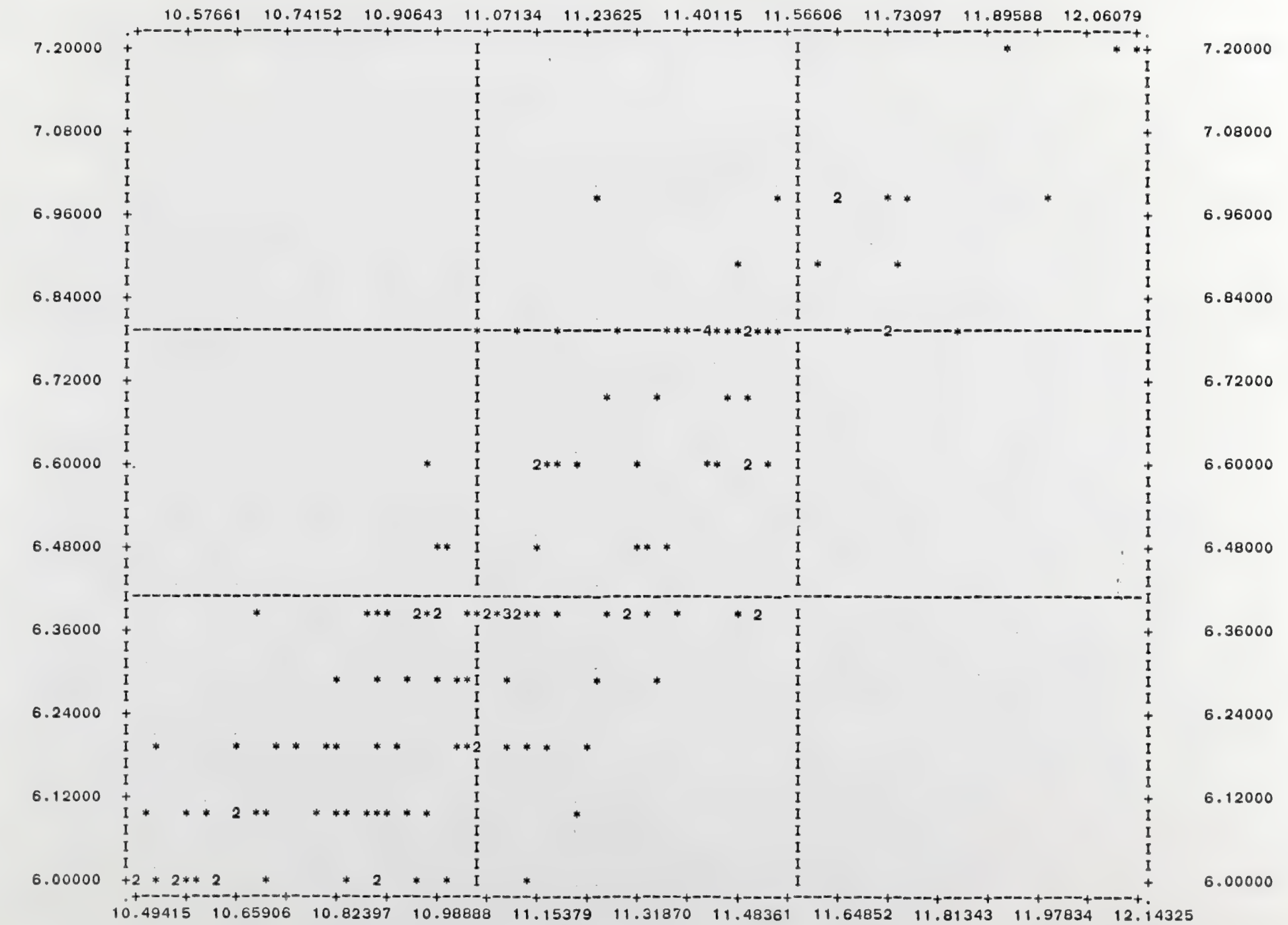


STATISTICS..

CORRELATION (R)-	-.06662	R SQUARED -	.00444	SIGNIFICANCE R -	.21298
STD ERR OF EST -	.31481	INTERCEPT (A) -	6.82165	STD ERROR OF A -	.47529
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.08244	STD ERROR OF B -	.10326
SIGNIFICANCE B -	.21298				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) PH (ACROSS) CALCITE

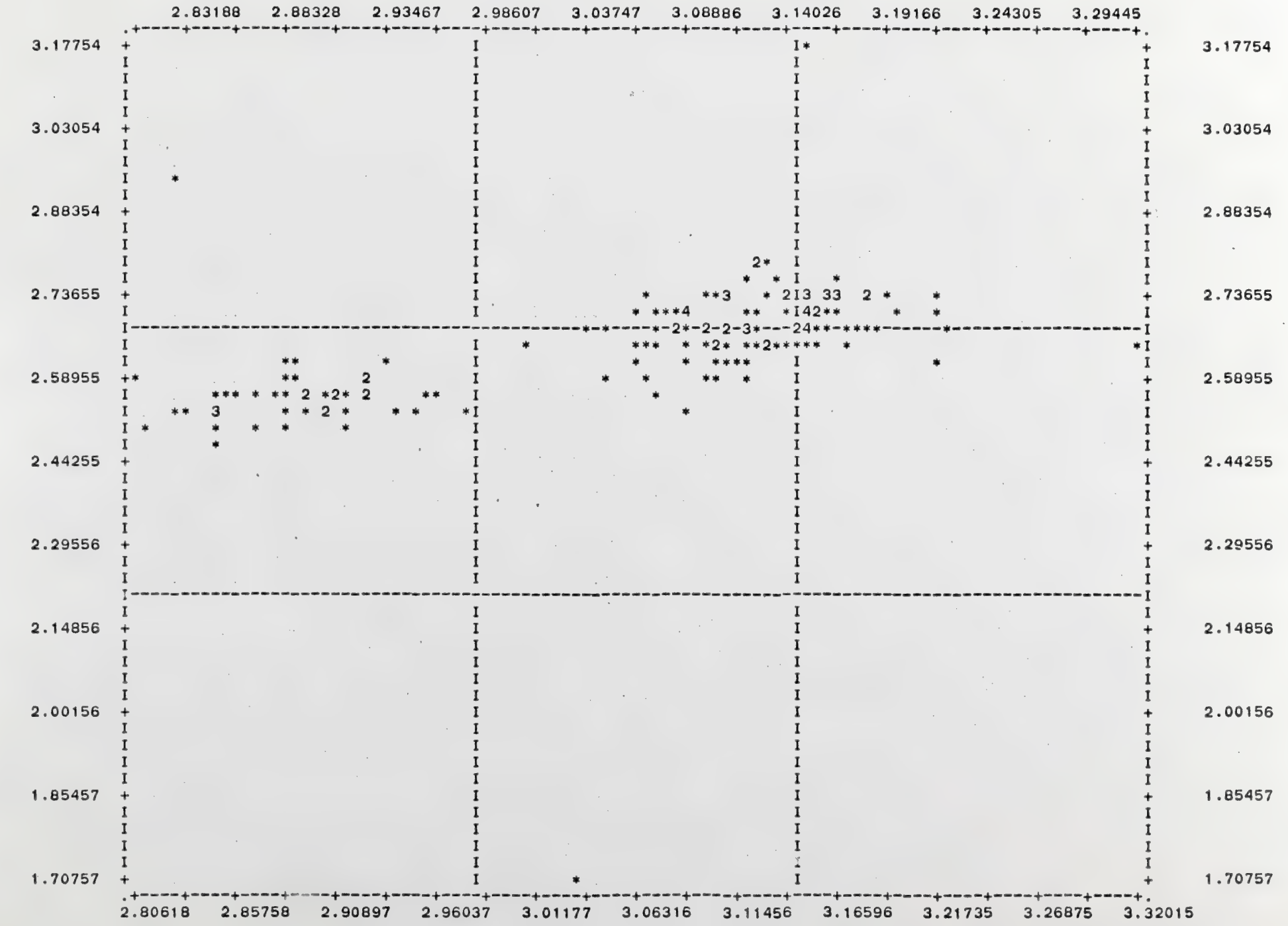


STATISTICS..

CORRELATION (R)-	.85407	R SQUARED -	.72943	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.16412	INTERCEPT (A) -	-1.97452	STD ERROR OF A -	.42891
SIGNIFICANCE A -	.00001	SLOPE (B) -	.75499	STD ERROR OF B -	.03845
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) TDS

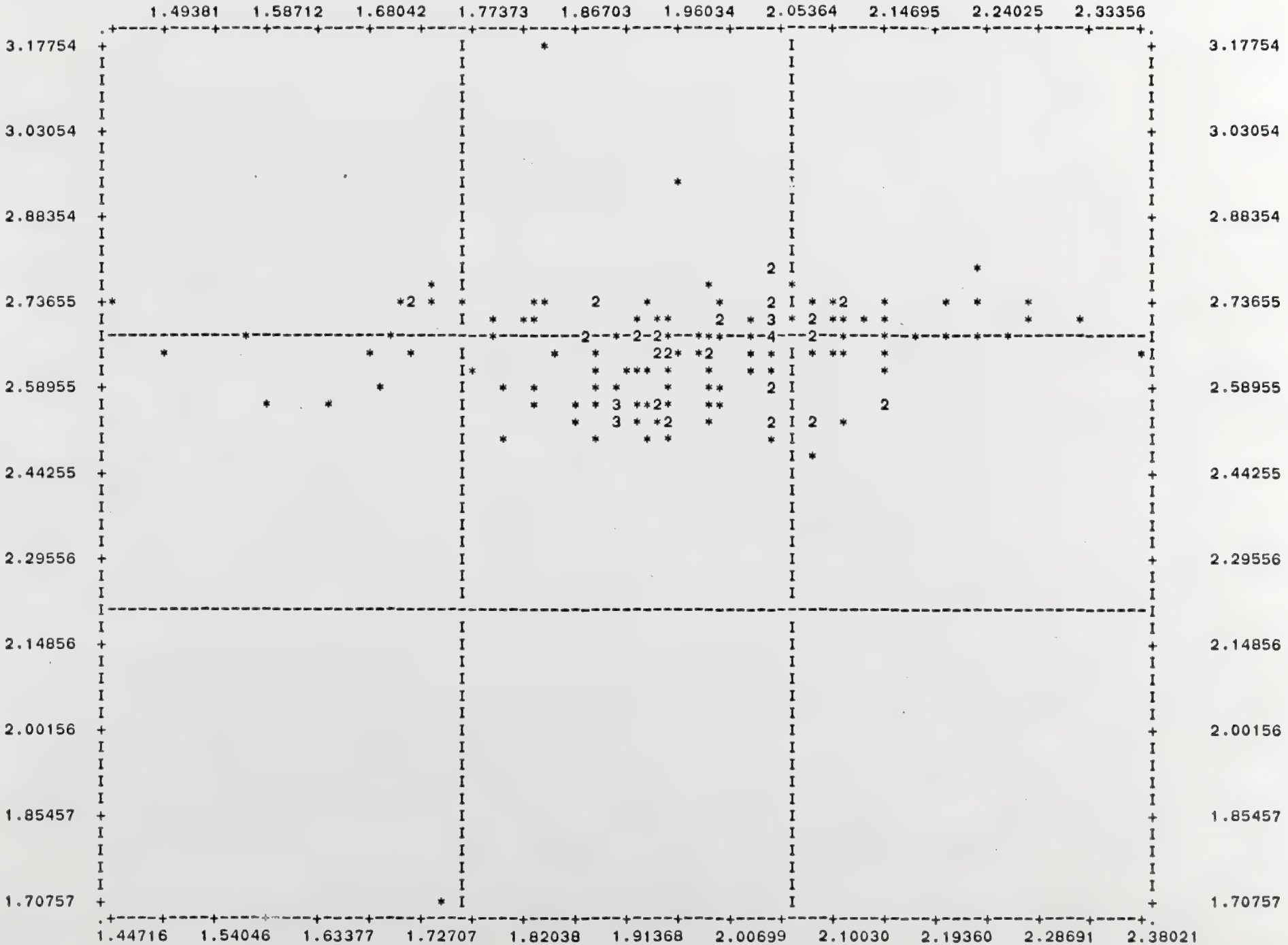


STATISTICS..

CORRELATION (R)-	.51550	R SQUARED -	.26574	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10184	INTERCEPT (A) -	1.06215	STD ERROR OF A -	.21436
SIGNIFICANCE A -	.00001	SLOPE (B) -	.52273	STD ERROR OF B -	.07002
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) CALCIUM



STATISTICS..

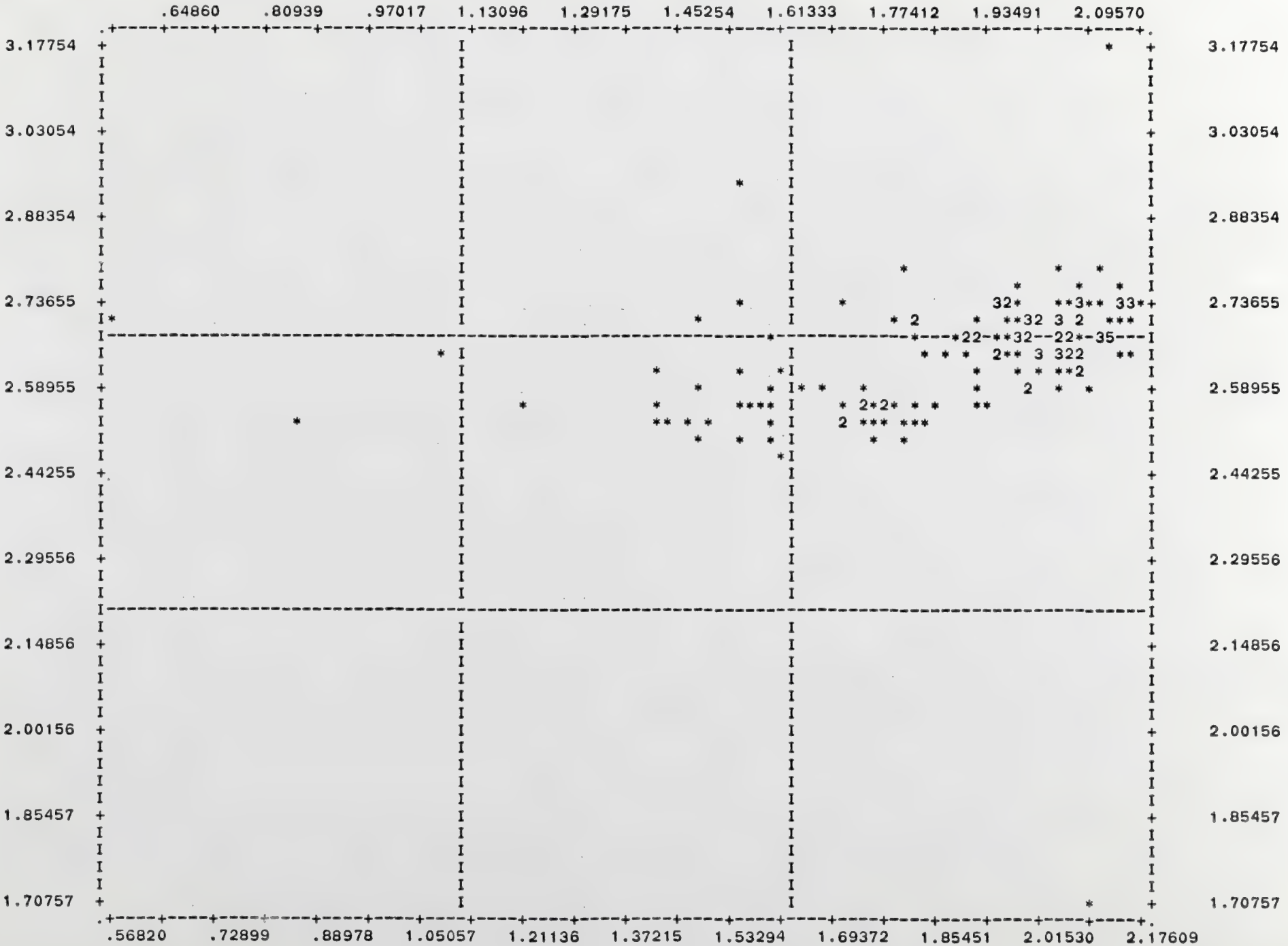
CORRELATION (R)-	.13335	R SQUARED -	.01778	SIGNIFICANCE R -	.04849
STD ERR OF EST -	.11778	INTERCEPT (A) -	2.45865	STD ERROR OF A -	.12173
SIGNIFICANCE A -	.00001	SLOPE (B) -	.10302	STD ERROR OF B -	.06170
SIGNIFICANCE B -	.04849				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) ALK (ACROSS) MAGNESUM

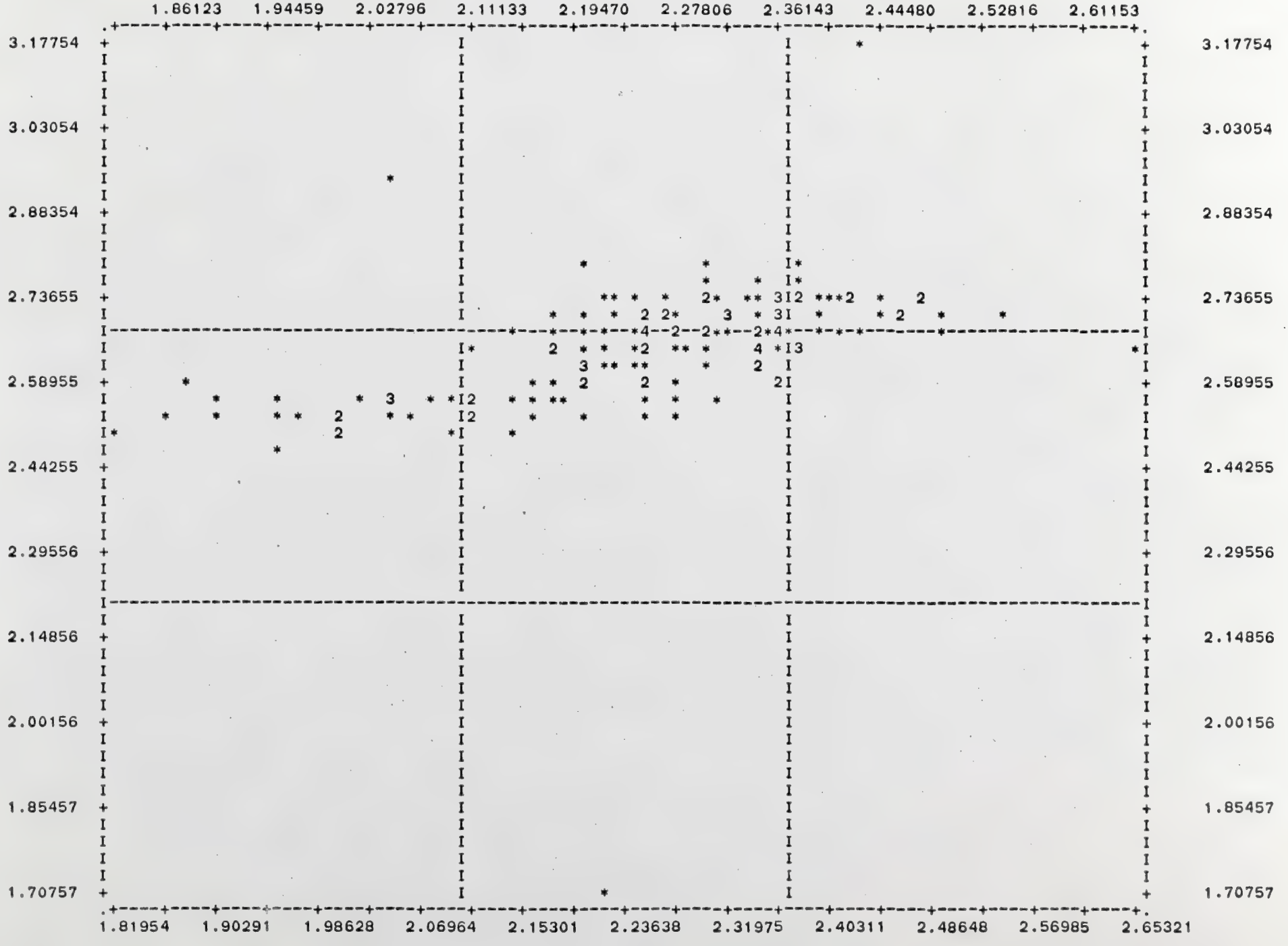


STATISTICS..

CORRELATION (R)-	.29331	R SQUARED -	.08603	SIGNIFICANCE R -	.00010
STD ERR OF EST -	.11362	INTERCEPT (A) -	2.40646	STD ERROR OF A -	.06755
SIGNIFICANCE A -	.00001	SLOPE (B) -	.13516	STD ERROR OF B -	.03550
SIGNIFICANCE B -	.00010				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) SODIUM

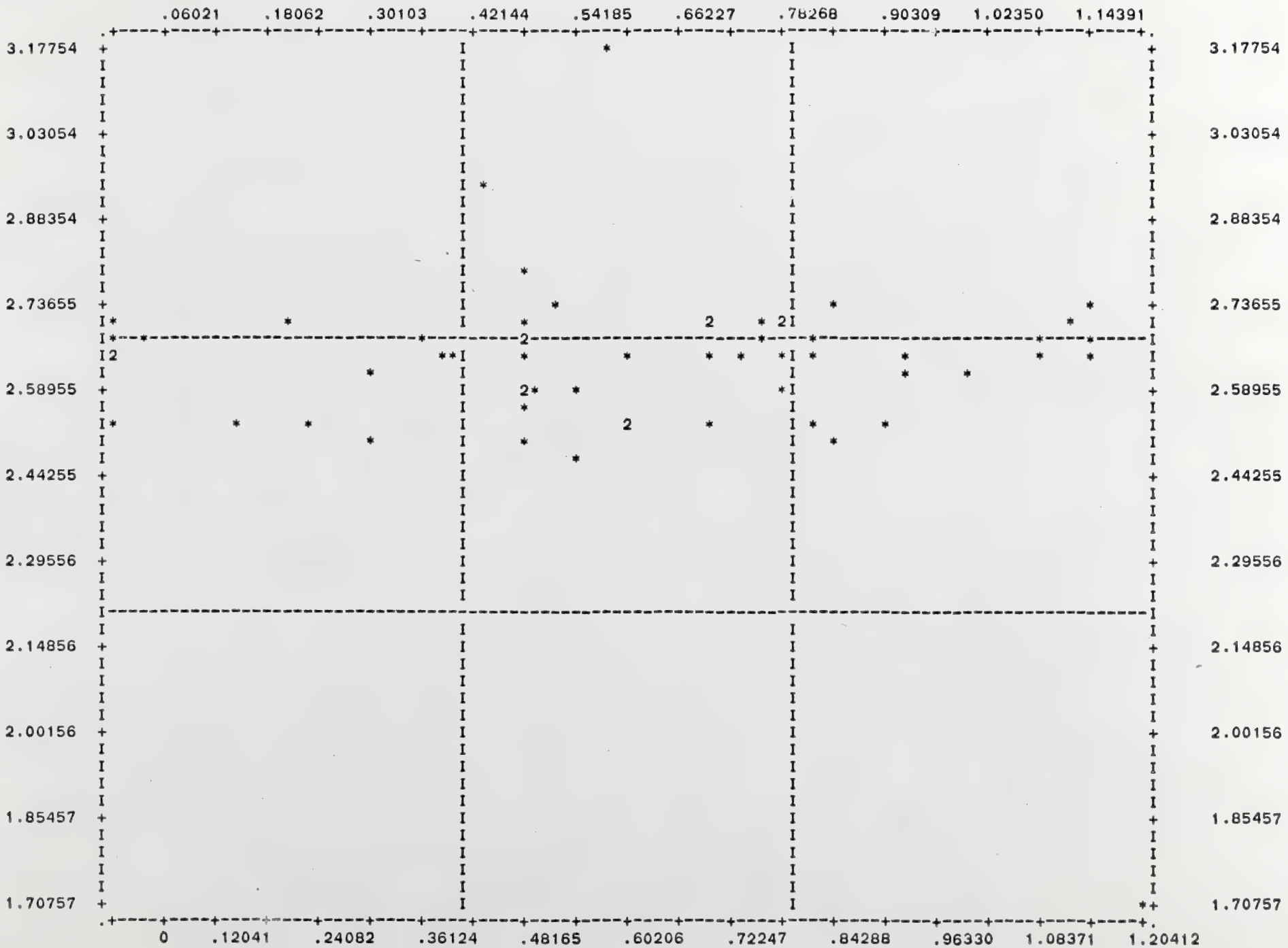


STATISTICS..

CORRELATION (R)-	.48087	R SQUARED -	.23124	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10420	INTERCEPT (A) -	1.77853	STD ERROR OF A -	.12997
SIGNIFICANCE A -	.00001	SLOPE (B) -	.39172	STD ERROR OF B -	.05755
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) POTASS

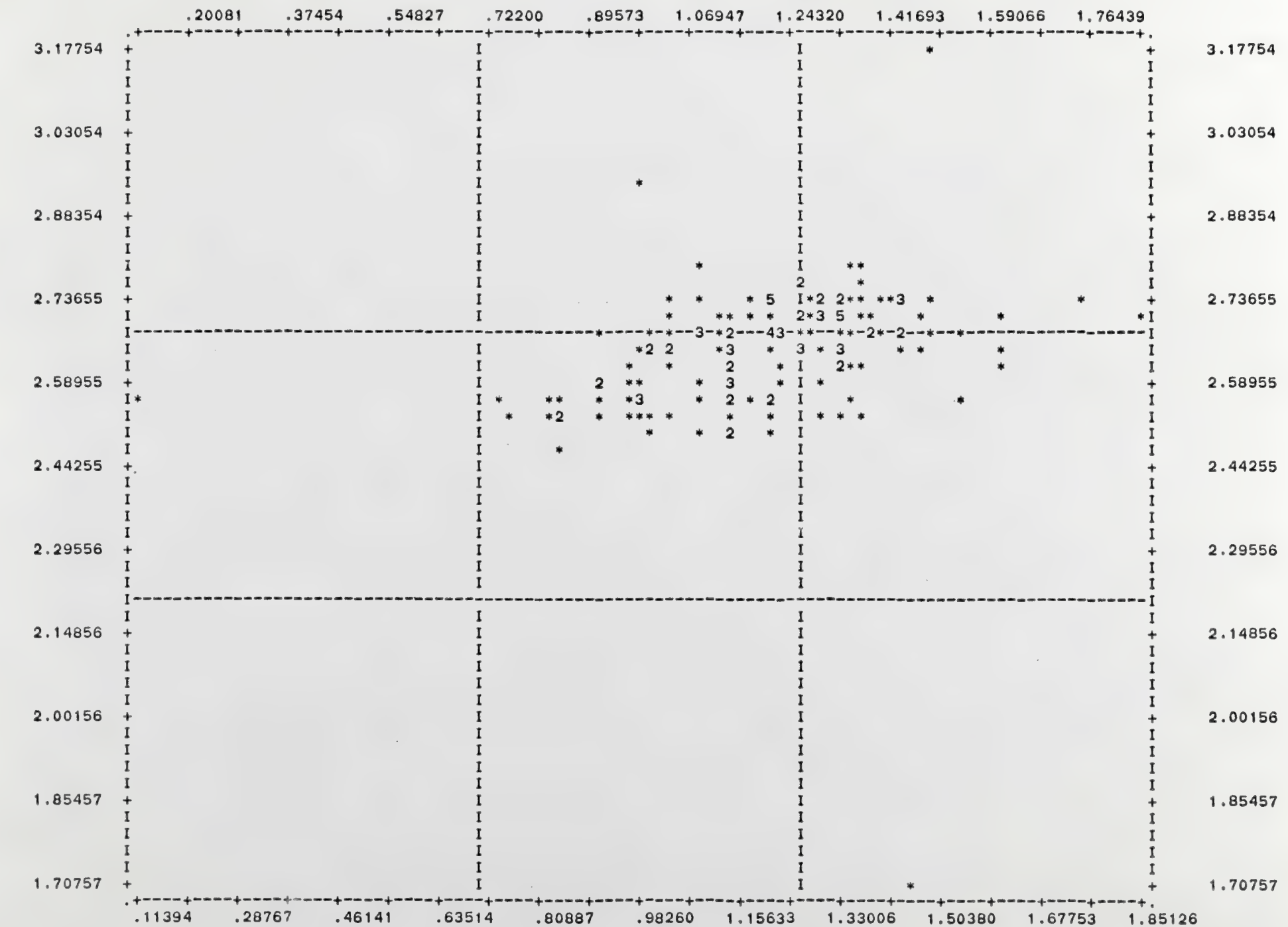


STATISTICS..

CORRELATION (R)-	-.14574	R SQUARED -	.02124	SIGNIFICANCE R -	.13537
STD ERR OF EST -	.16458	INTERCEPT (A) -	2.69061	STD ERROR OF A -	.04559
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.07429	STD ERROR OF B -	.06680
SIGNIFICANCE B -	.13537				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) CHLORIDE

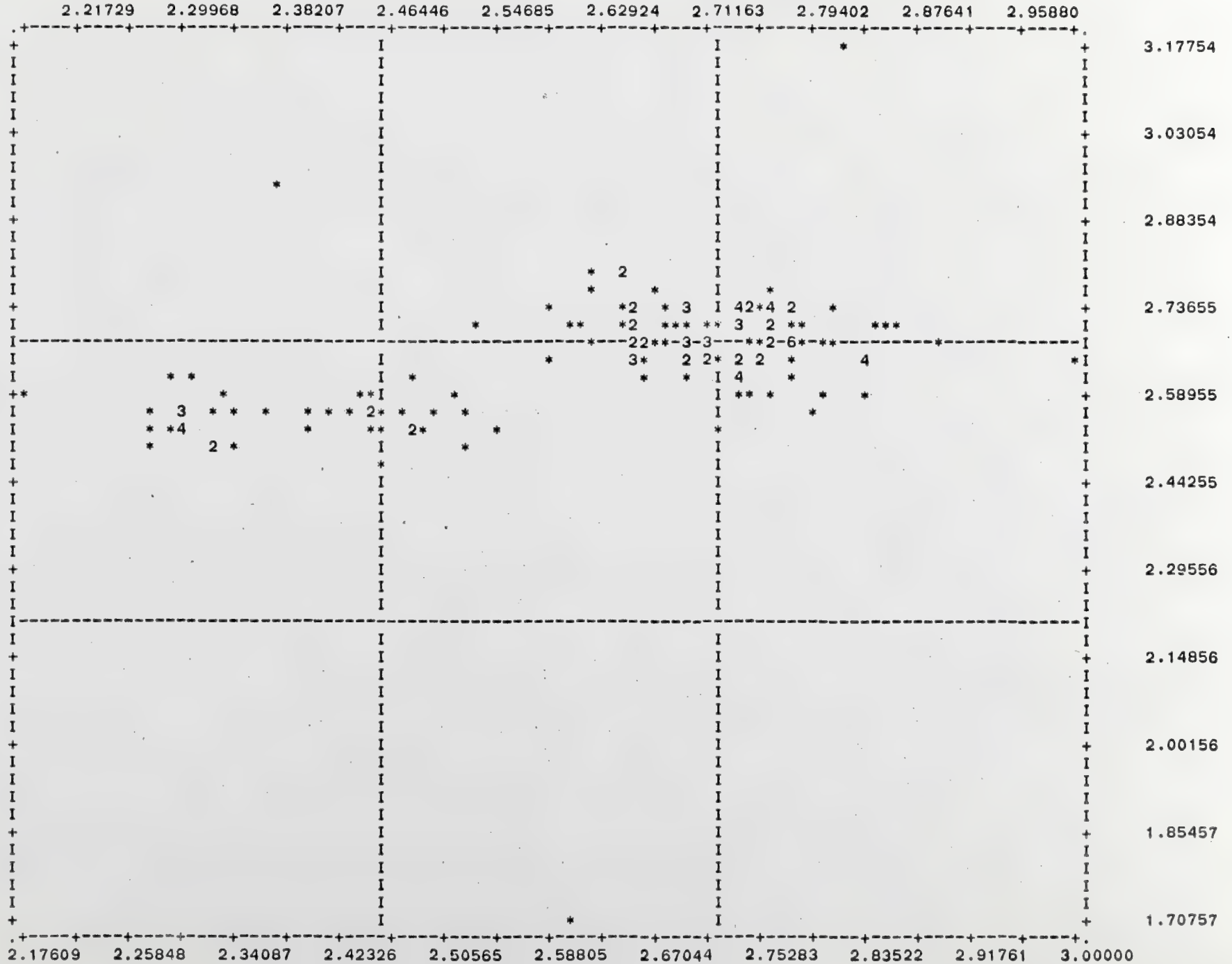


STATISTICS..

CORRELATION (R)-	.27041	R SQUARED -	.07312	SIGNIFICANCE R -	.00032
STD ERR OF EST -	.11442	INTERCEPT (A) -	2.47971	STD ERROR OF A -	.05290
SIGNIFICANCE A -	.00001	SLOPE (B) -	.15126	STD ERROR OF B -	.04340
SIGNIFICANCE B -	.00032				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) SULFATE

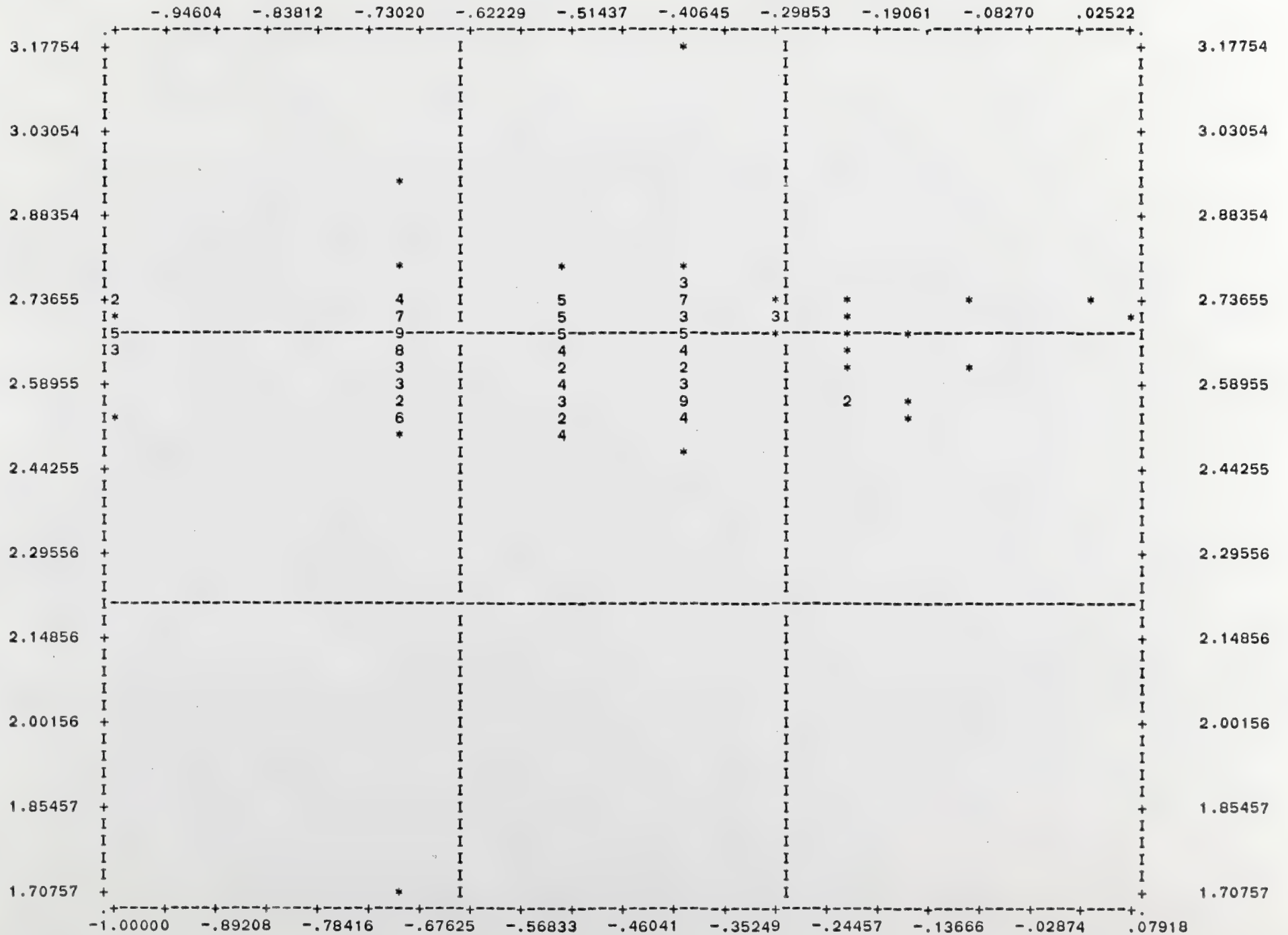


STATISTICS..

CORRELATION (R)-	.44846	R SQUARED -	.20112	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10622	INTERCEPT (A) -	1.85160	STD ERROR OF A -	.13032
SIGNIFICANCE A -	.00001	SLOPE (B) -	.30772	STD ERROR OF B -	.04942
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) FLUORIDE

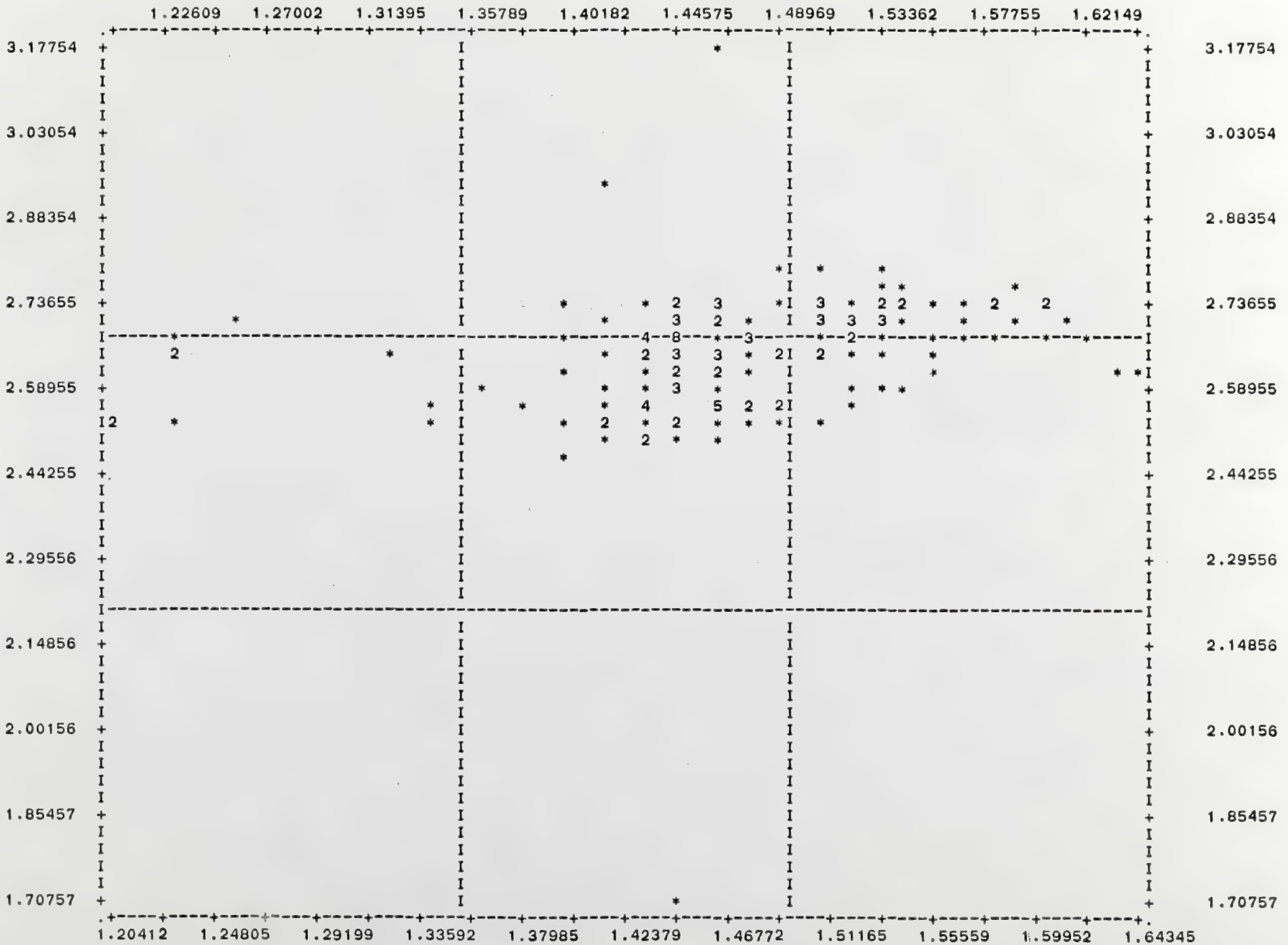


STATISTICS..

CORRELATION (R)-	.04541	R SQUARED -	.00206	SIGNIFICANCE R -	.28736
STD ERR OF EST -	.11907	INTERCEPT (A) -	2.67500	STD ERROR OF A -	.02576
SIGNIFICANCE A -	.00001	SLOPE (B) -	.02507	STD ERROR OF B -	.04459
SIGNIFICANCE B -	.28736				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) SILICA

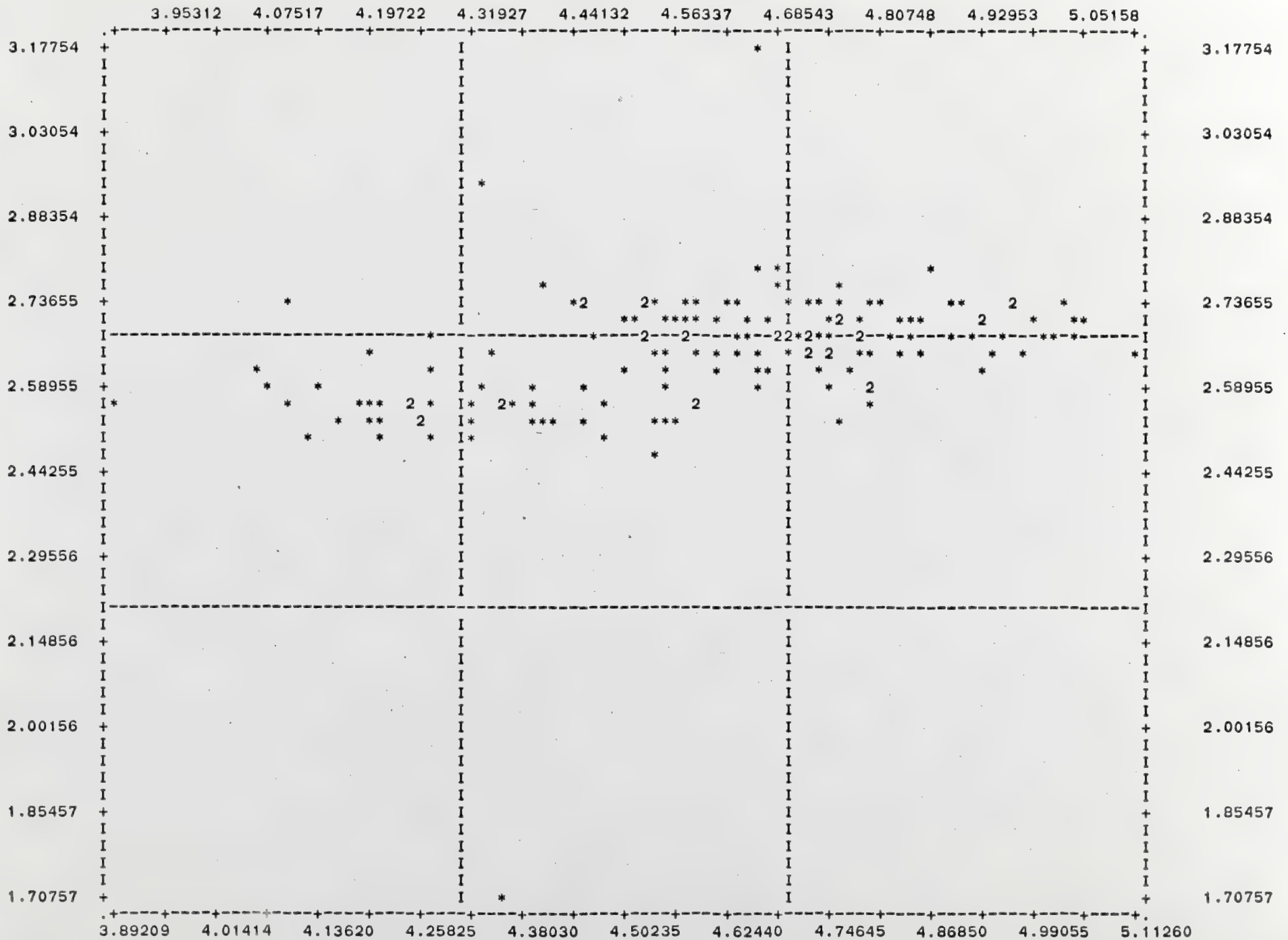


STATISTICS..

CORRELATION (R)-	.26386	R SQUARED -	.06962	SIGNIFICANCE R -	.00044
STD ERR OF EST -	.11463	INTERCEPT (A) -	2.07796	STD ERROR OF A -	.17208
SIGNIFICANCE A -	.00001	SLOPE (B) -	.39715	STD ERROR OF B -	.11699
SIGNIFICANCE B -	.00044				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) ALK (ACROSS) GYPSUM



STATISTICS..

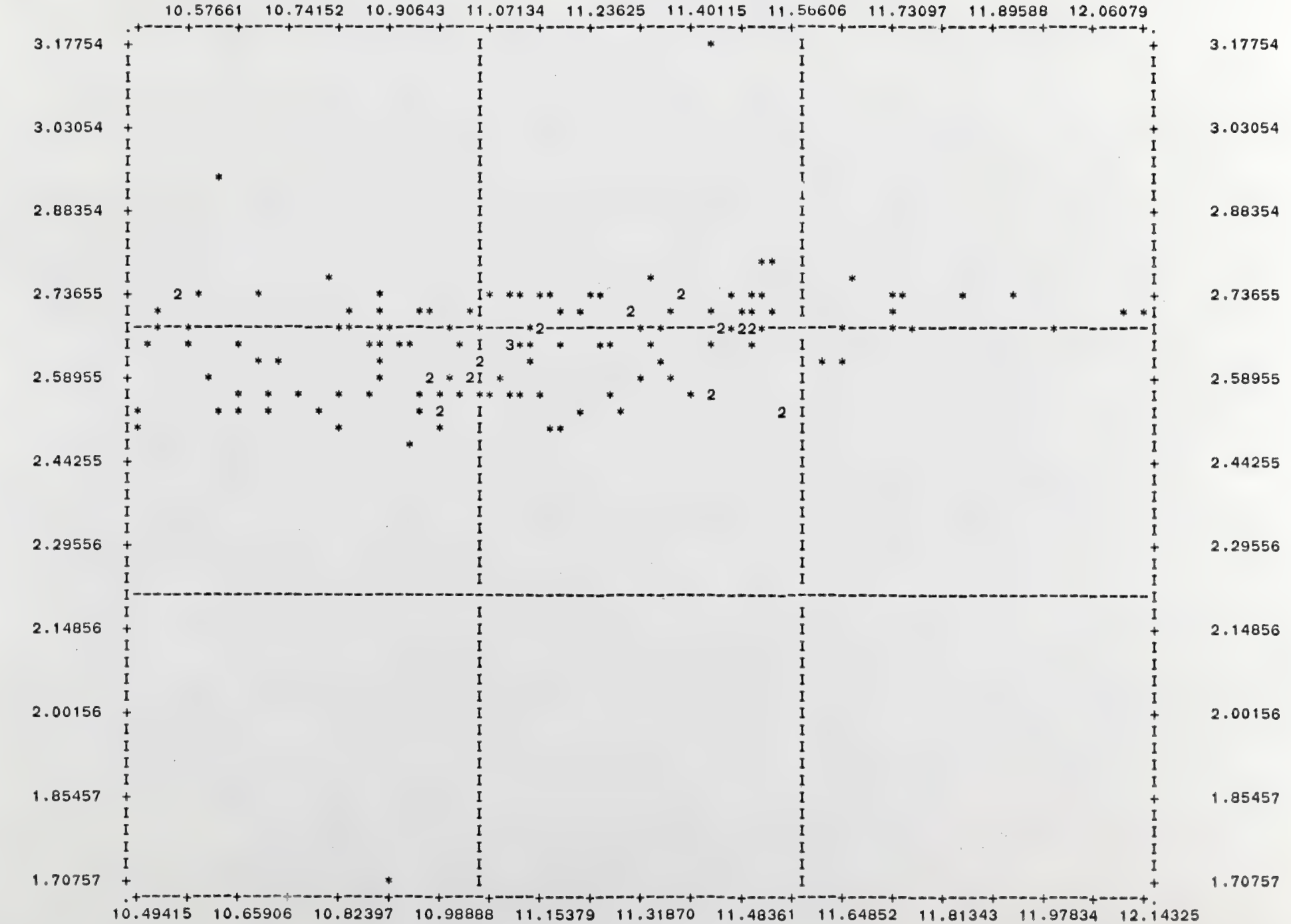
CORRELATION (R)-	.39312	R SQUARED -	.15454	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10928	INTERCEPT (A) -	1.80116	STD ERROR OF A -	.16235
SIGNIFICANCE A -	.00001	SLOPE (B) -	.18705	STD ERROR OF B -	.03526
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) ALK (ACROSS) CALCITE

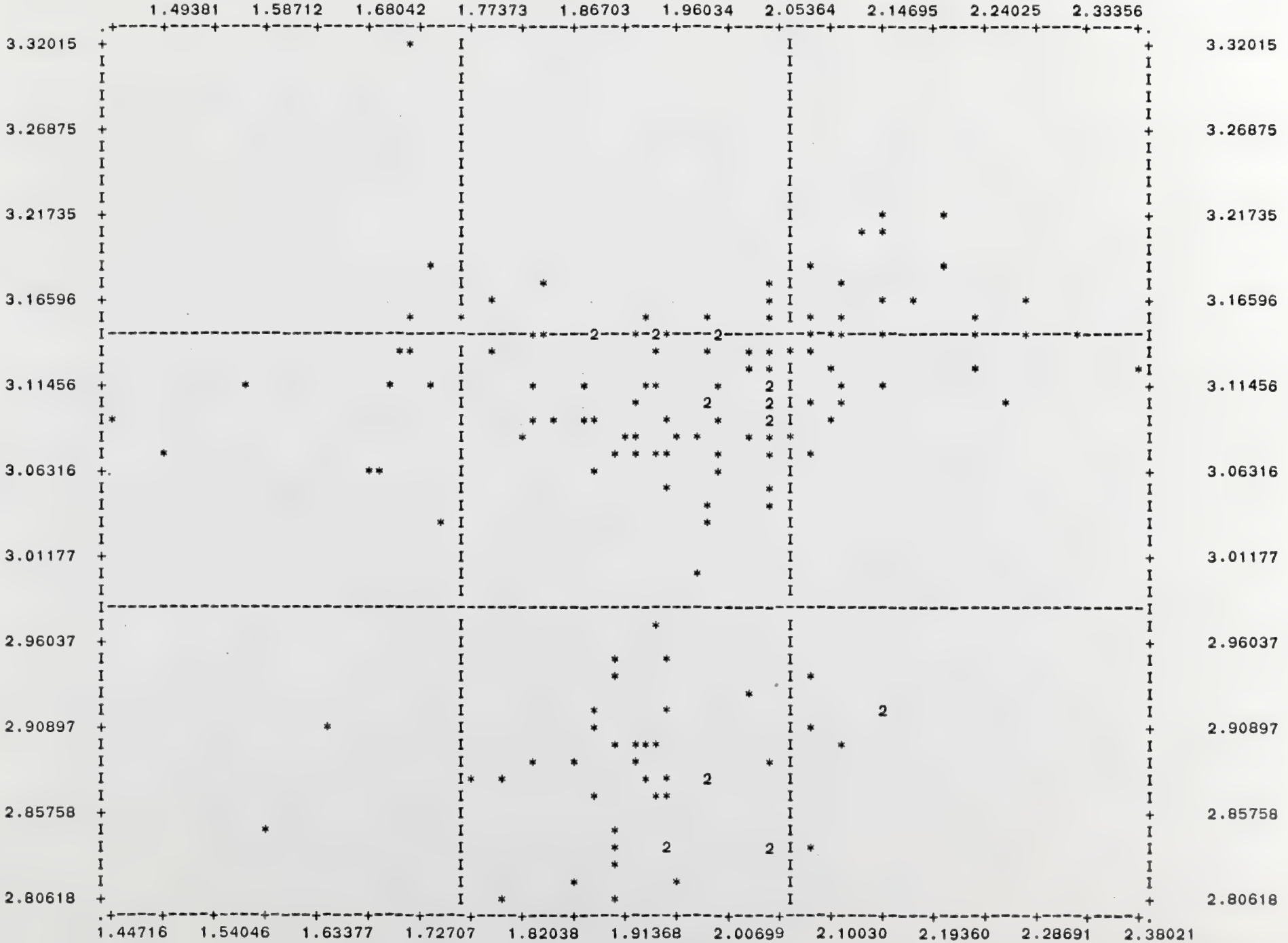


STATISTICS..

CORRELATION (R)-	.23607	R SQUARED -	.05573	SIGNIFICANCE R -	.00213
STD ERR OF EST -	.11773	INTERCEPT (A) -	1.76650	STD ERROR OF A -	.30768
SIGNIFICANCE A -	.00001	SLOPE (B) -	.08013	STD ERROR OF B -	.02758
SIGNIFICANCE B -	.00213				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) CALCIUM

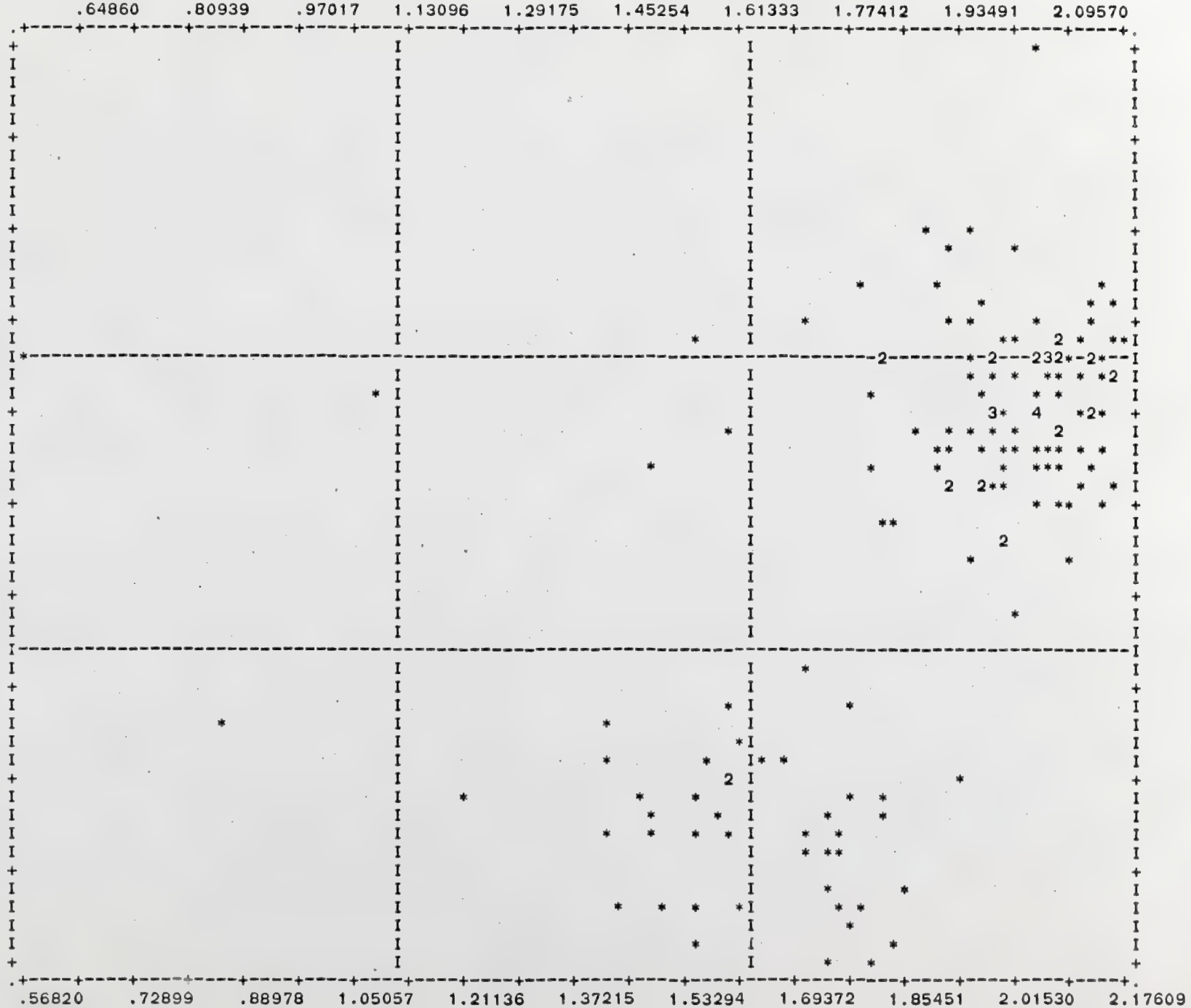


STATISTICS..

CORRELATION (R)-	.19020	R SQUARED -	.03618	SIGNIFICANCE R -	.00870
STD ERR OF EST -	.11506	INTERCEPT (A) -	2.77420	STD ERROR OF A -	.11891
SIGNIFICANCE A -	.00001	SLOPE (B) -	.14490	STD ERROR OF B -	.06027
SIGNIFICANCE B -	.00870				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) MAGNESUM



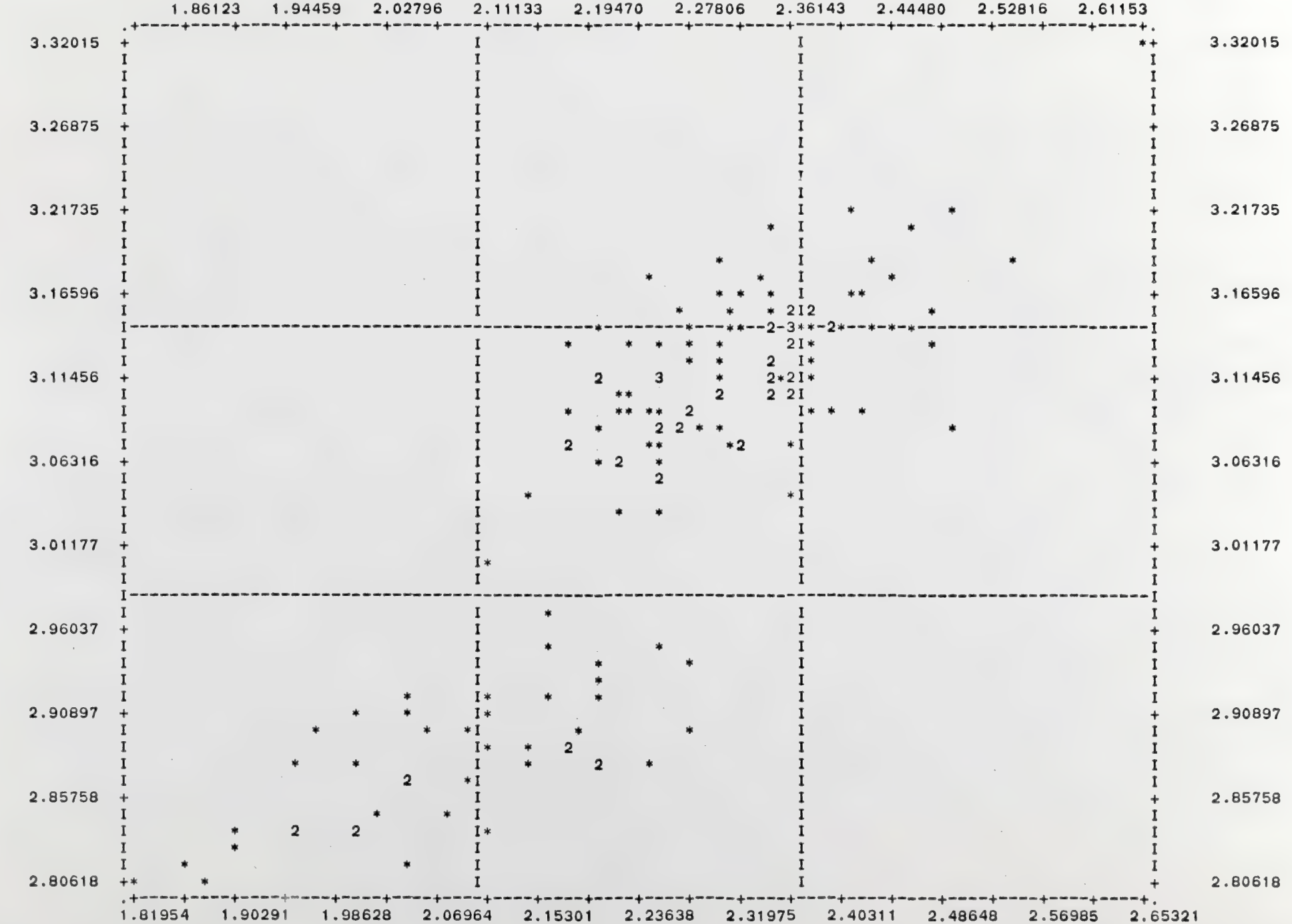
RBOSP GROUND WATER QUALITY BASELINE
ALLUVIAL AQUIFER (3) METHOD 3

STATISTICS..

CORRELATION (R)-	.56048	R SQUARED -	.31414	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.09706	INTERCEPT (A) -	2.57900	STD ERROR OF A -	.05771
SIGNIFICANCE A -	.00001	SLOPE (B) -	.25469	STD ERROR OF B -	.03033
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) SODIUM

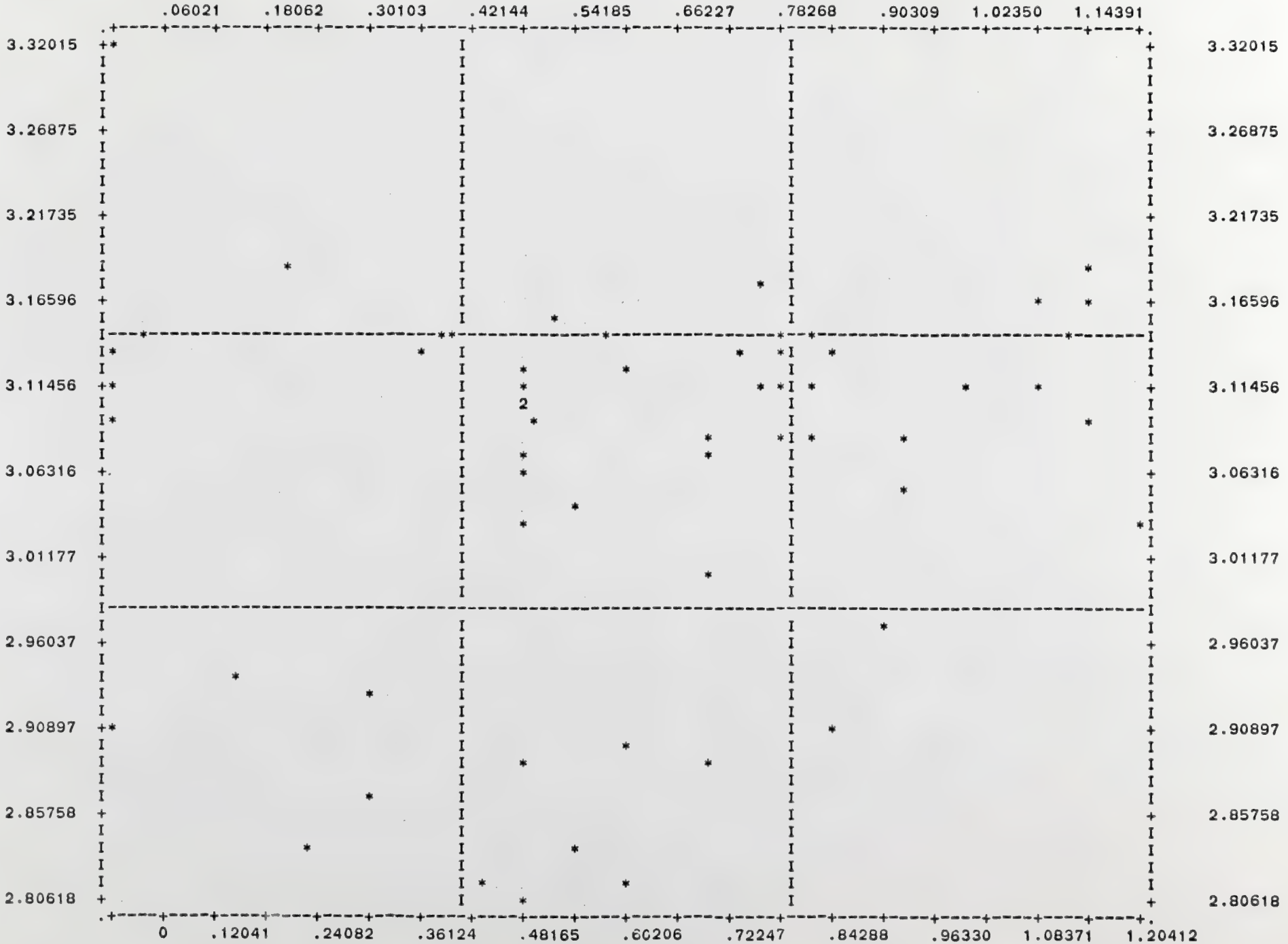


STATISTICS..

CORRELATION (R)-	.85140	R SQUARED -	.72488	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.06147	INTERCEPT (A) -	1.51788	STD ERROR OF A -	.07668
SIGNIFICANCE A -	.00001	SLOPE (B) -	.68396	STD ERROR OF B -	.03395
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) POTASS

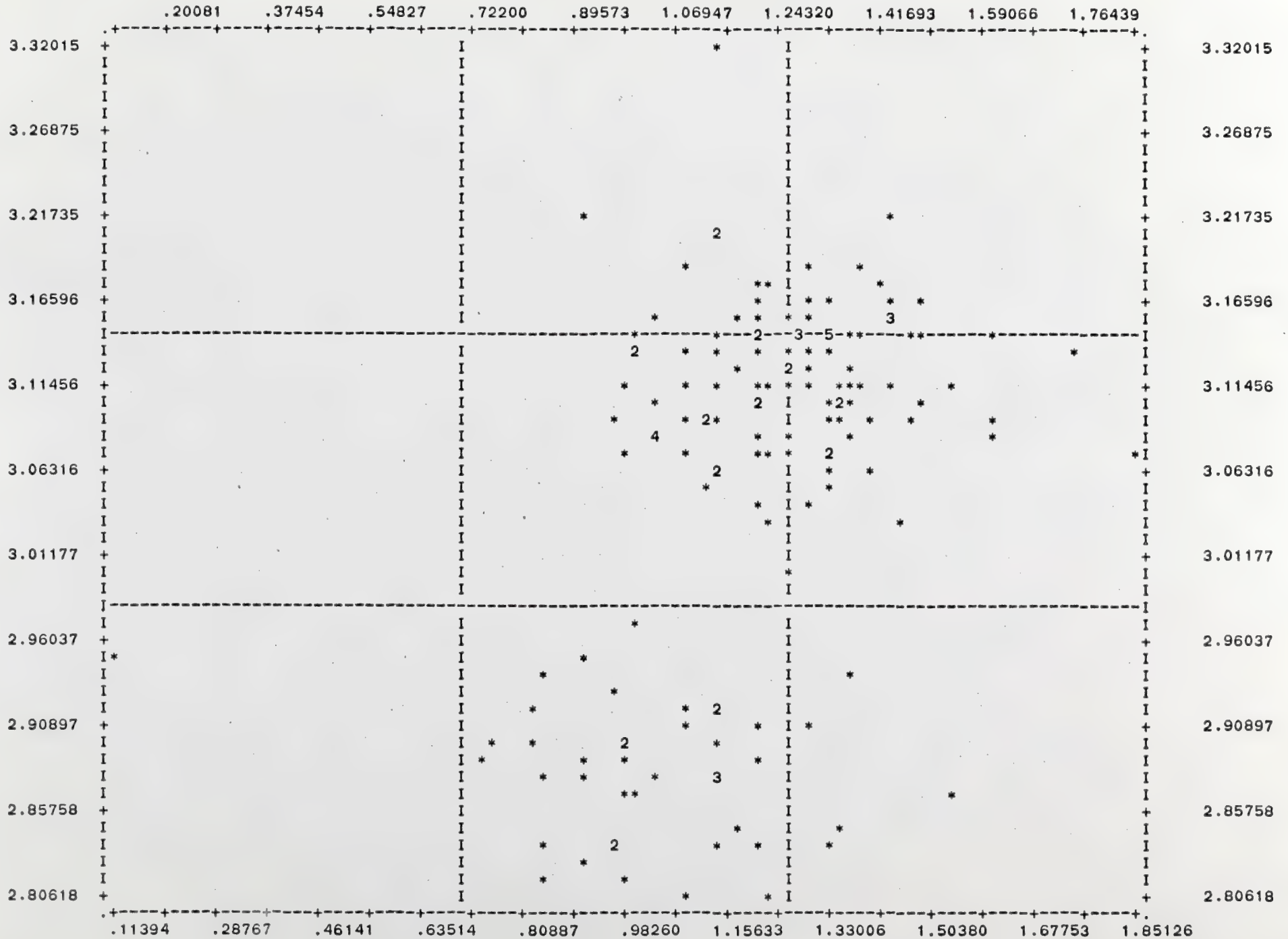


STATISTICS..

CORRELATION (R)-	.14792	R SQUARED -	.02188	SIGNIFICANCE R -	.13177
STD ERR OF EST -	.11412	INTERCEPT (A) -	3.03538	STD ERROR OF A -	.03161
SIGNIFICANCE A -	.00001	SLOPE (B) -	.05230	STD ERROR OF B -	.04632
SIGNIFICANCE B -	.13177				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) CHLORIDE

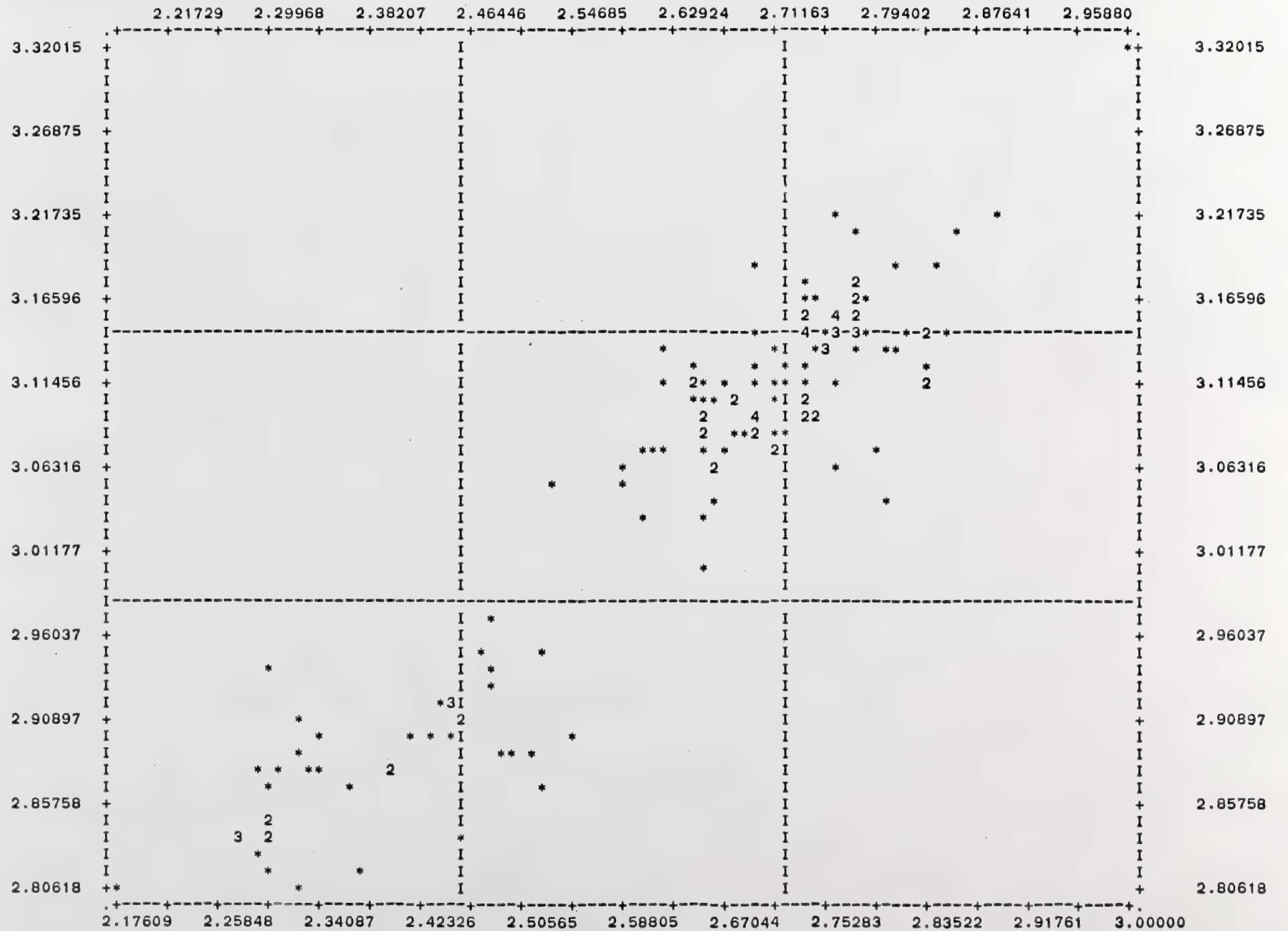


STATISTICS..

CORRELATION (R)-	.44415	R SQUARED -	.19727	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10501	INTERCEPT (A) -	2.76510	STD ERROR OF A -	.04855
SIGNIFICANCE A -	.00001	SLOPE (B) -	.24500	STD ERROR OF B -	.03983
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) SULFATE

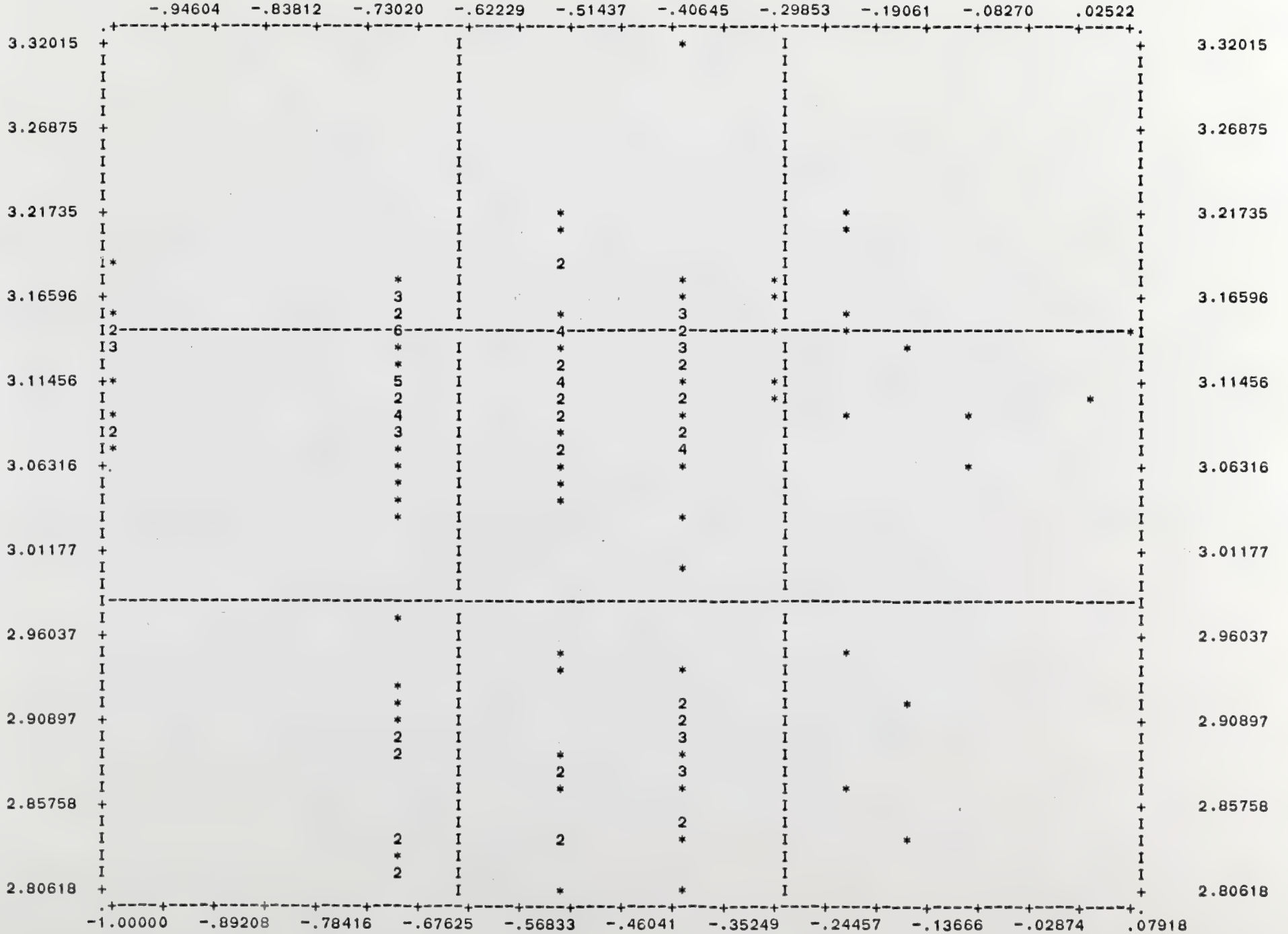


STATISTICS..

CORRELATION (R)-	.94220	R SQUARED -	.88774	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.03927	INTERCEPT (A) -	1.38162	STD ERROR OF A -	.04818
SIGNIFICANCE A -	.00001	SLOPE (B) -	.63756	STD ERROR OF B -	.01827
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) FLUORIDE

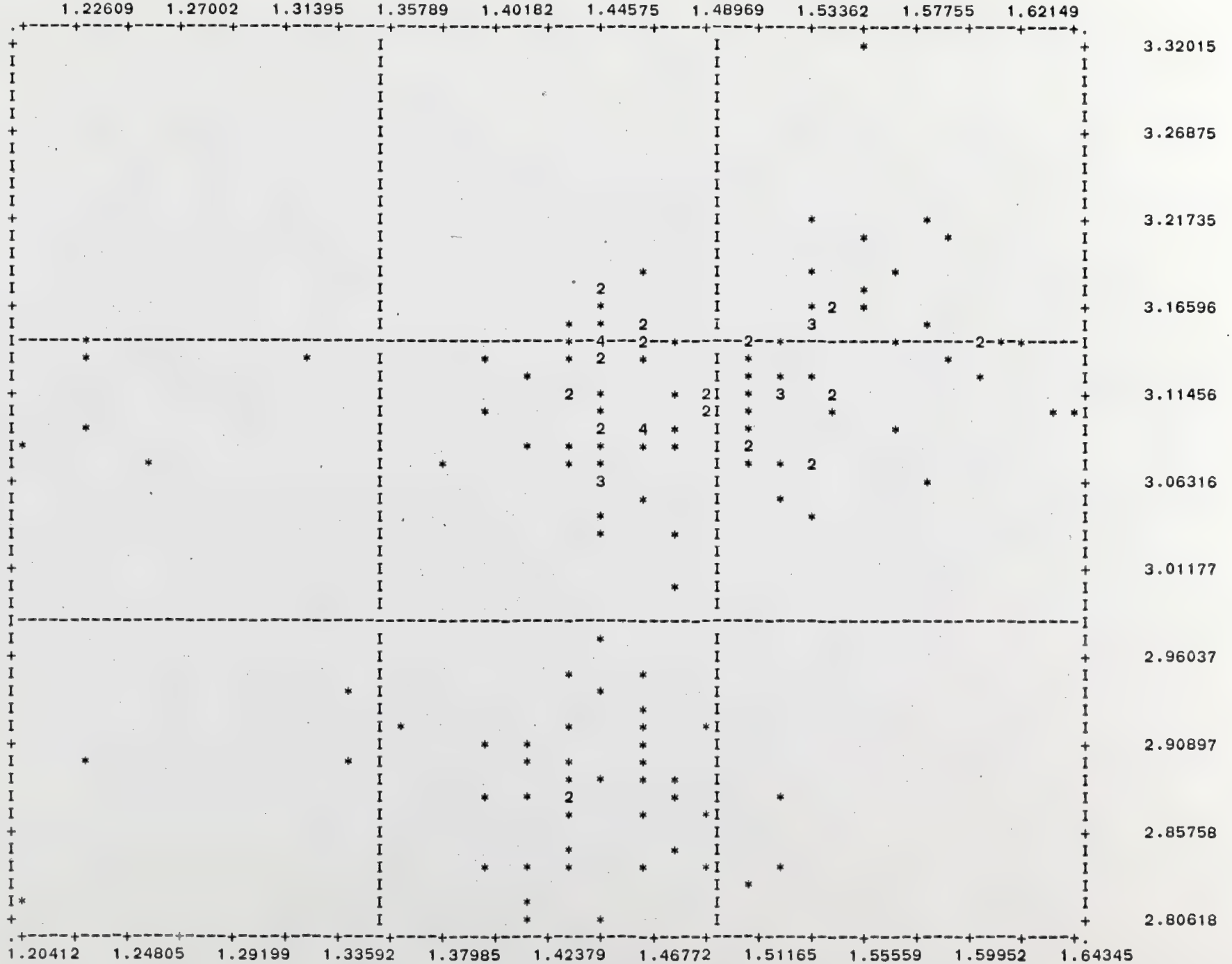


STATISTICS..

CORRELATION (R)-	-.08531	R SQUARED -	.00728	SIGNIFICANCE R -	.14560
STD ERR OF EST -	.11626	INTERCEPT (A) -	3.03565	STD ERROR OF A -	.02516
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.04611	STD ERROR OF B -	.04354
SIGNIFICANCE B -	.14560				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) SILICA

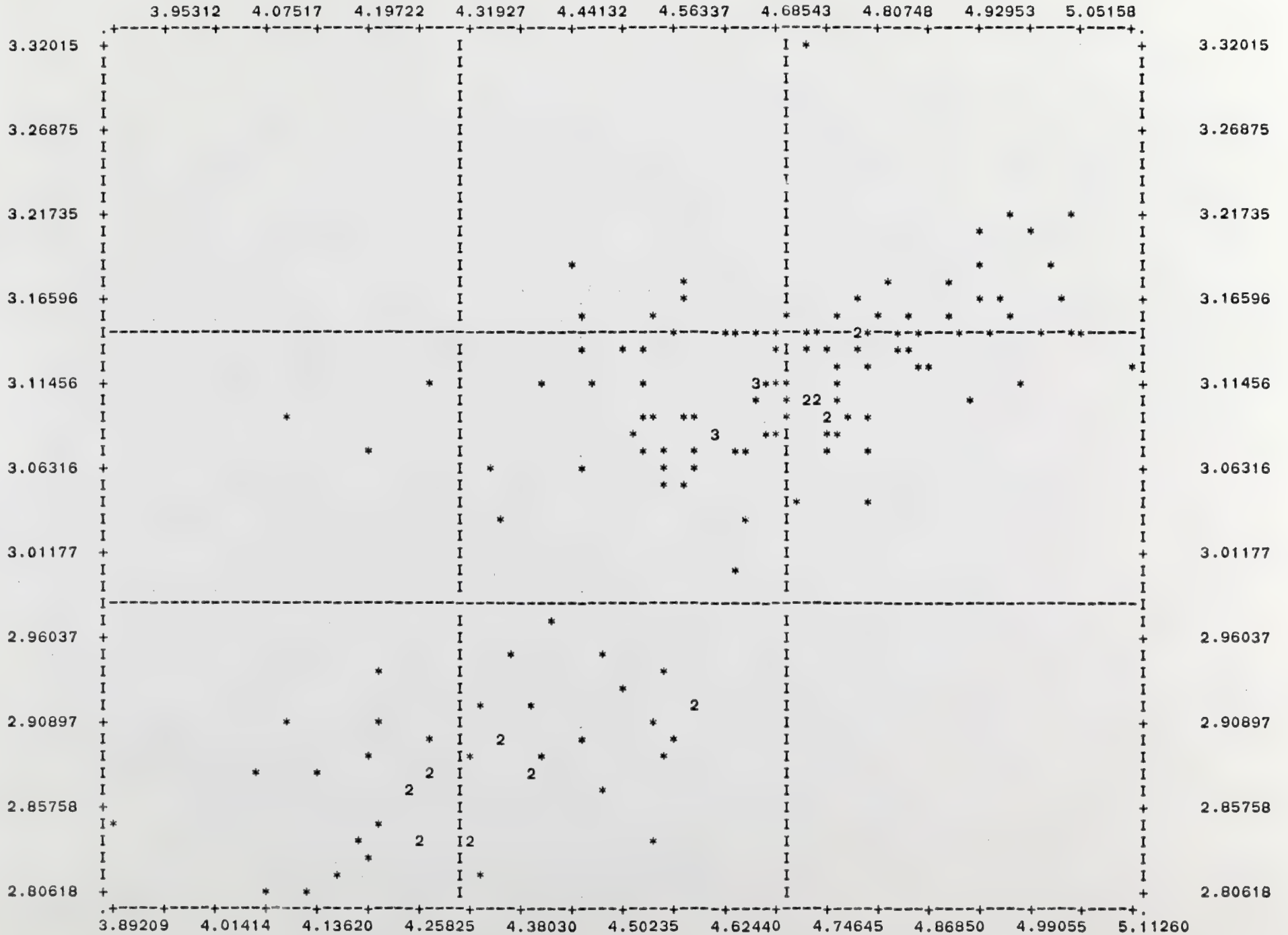


STATISTICS..

CORRELATION (R)-	.34361	R SQUARED -	.11807	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.11006	INTERCEPT (A) -	2.31010	STD ERROR OF A -	.16522
SIGNIFICANCE A -	.00001	SLOPE (B) -	.51003	STD ERROR OF B -	.11233
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) GYPSUM

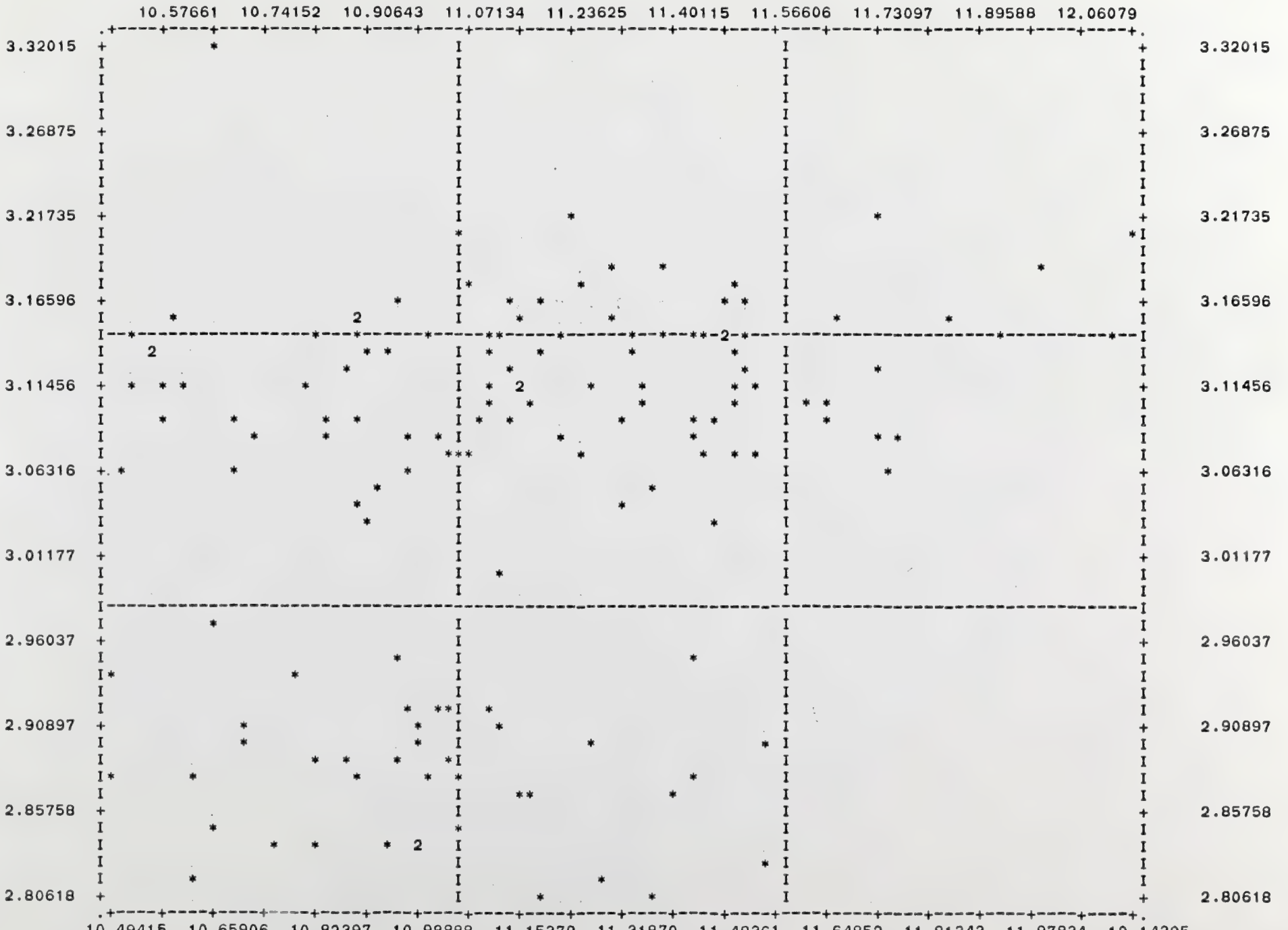


STATISTICS..

CORRELATION (R)-	.77051	R SQUARED -	.59369	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.07471	INTERCEPT (A) -	1.39667	STD ERROR OF A -	.11099
SIGNIFICANCE A -	.00001	SLOPE (B) -	.36155	STD ERROR OF B -	.02410
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) TDS (ACROSS) CALCITE



STATISTICS..

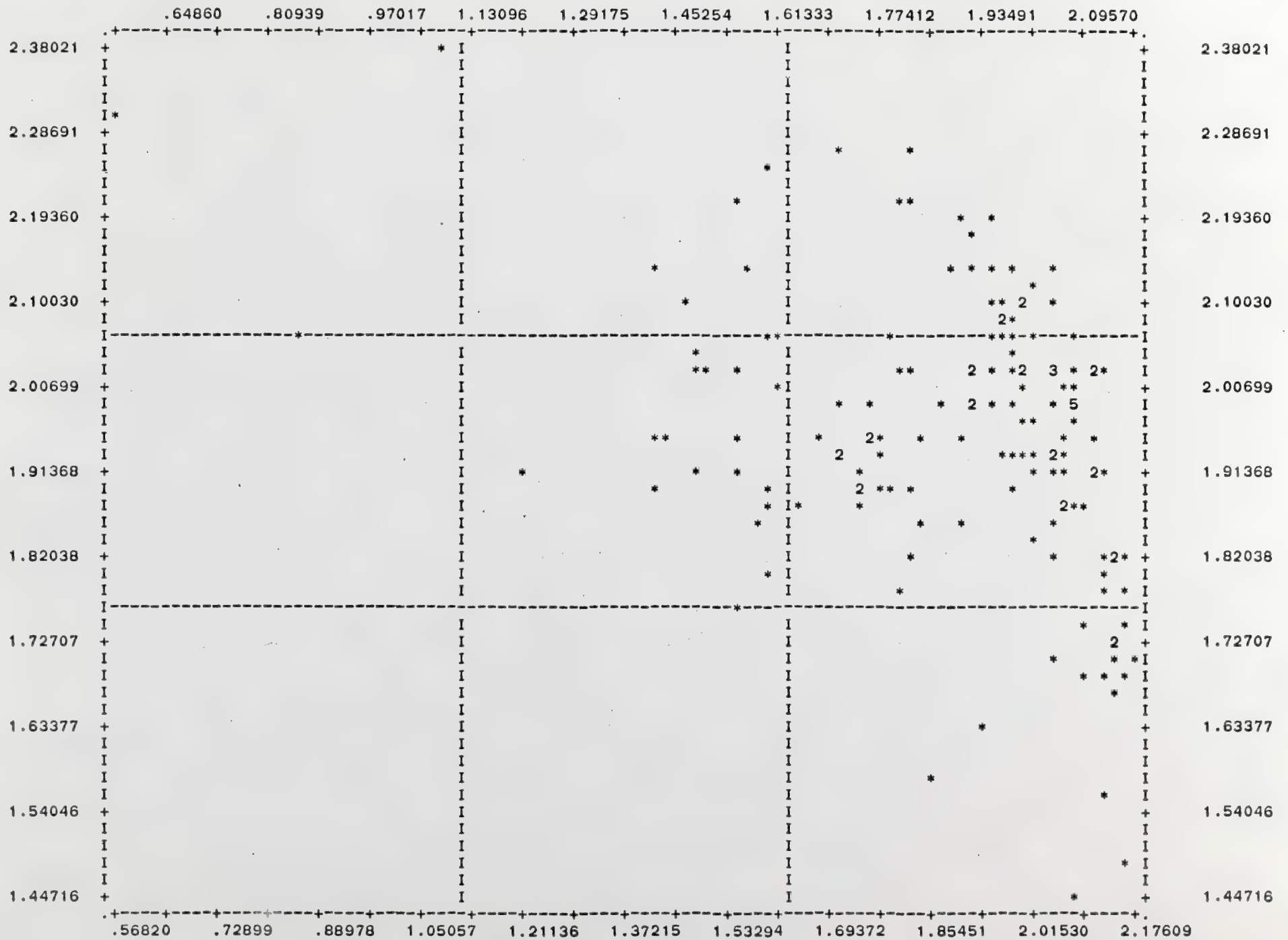
CORRELATION (R)-	.26650	R SQUARED -	.07102	SIGNIFICANCE R -	.00060
STD ERR OF EST -	.11371	INTERCEPT (A) -	2.07696	STD ERROR OF A -	.29718
SIGNIFICANCE A -	.00001	SLOPE (B) -	.08809	STD ERROR OF B -	.02664
SIGNIFICANCE B -	.00060				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) MAGNESUM

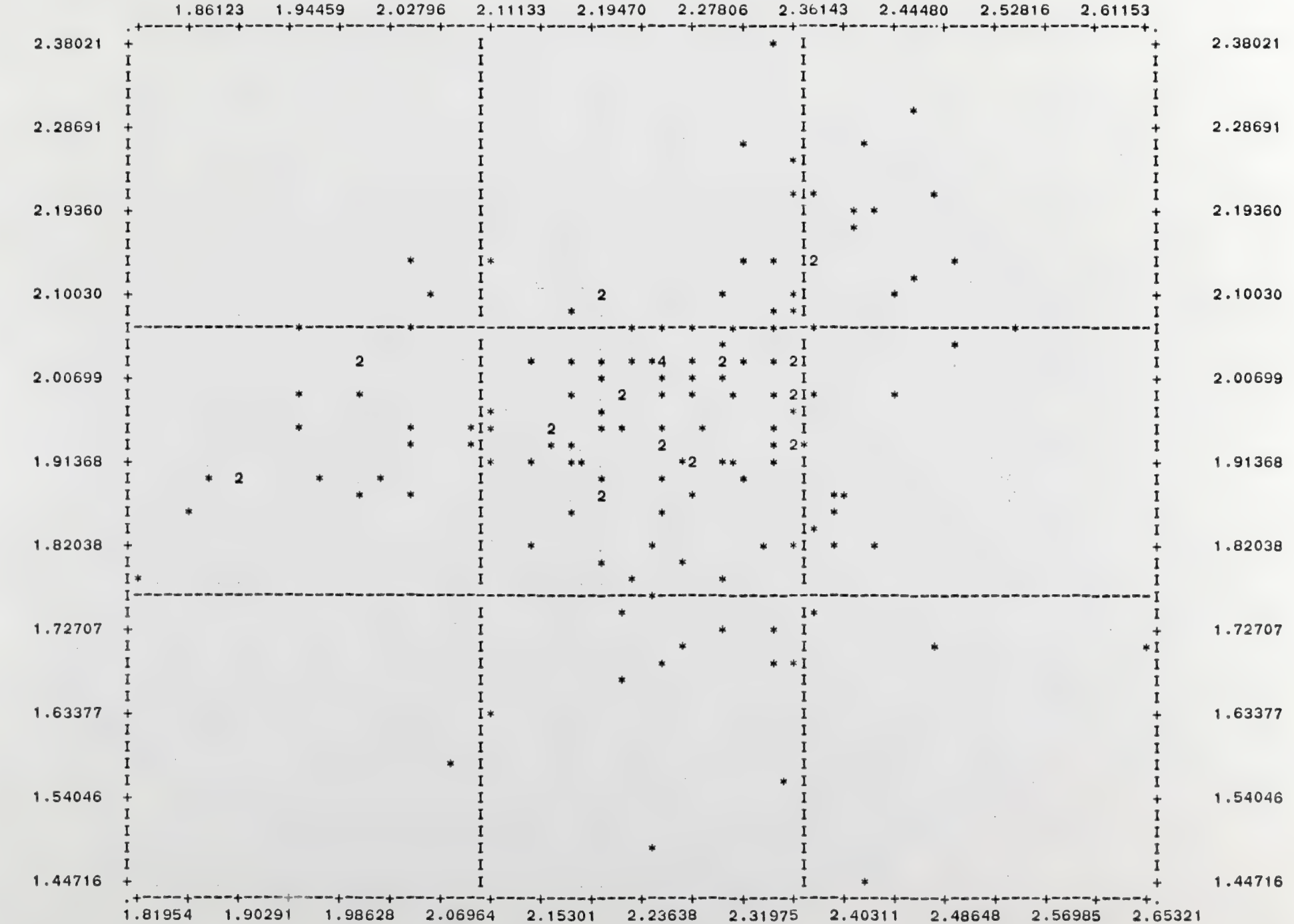


STATISTICS..

CORRELATION (R)-	-.35804	R SQUARED -	.12819	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.14364	INTERCEPT (A) -	2.36974	STD ERROR OF A -	.08540
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.21356	STD ERROR OF B -	.04488
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) SODIUM



STATISTICS..

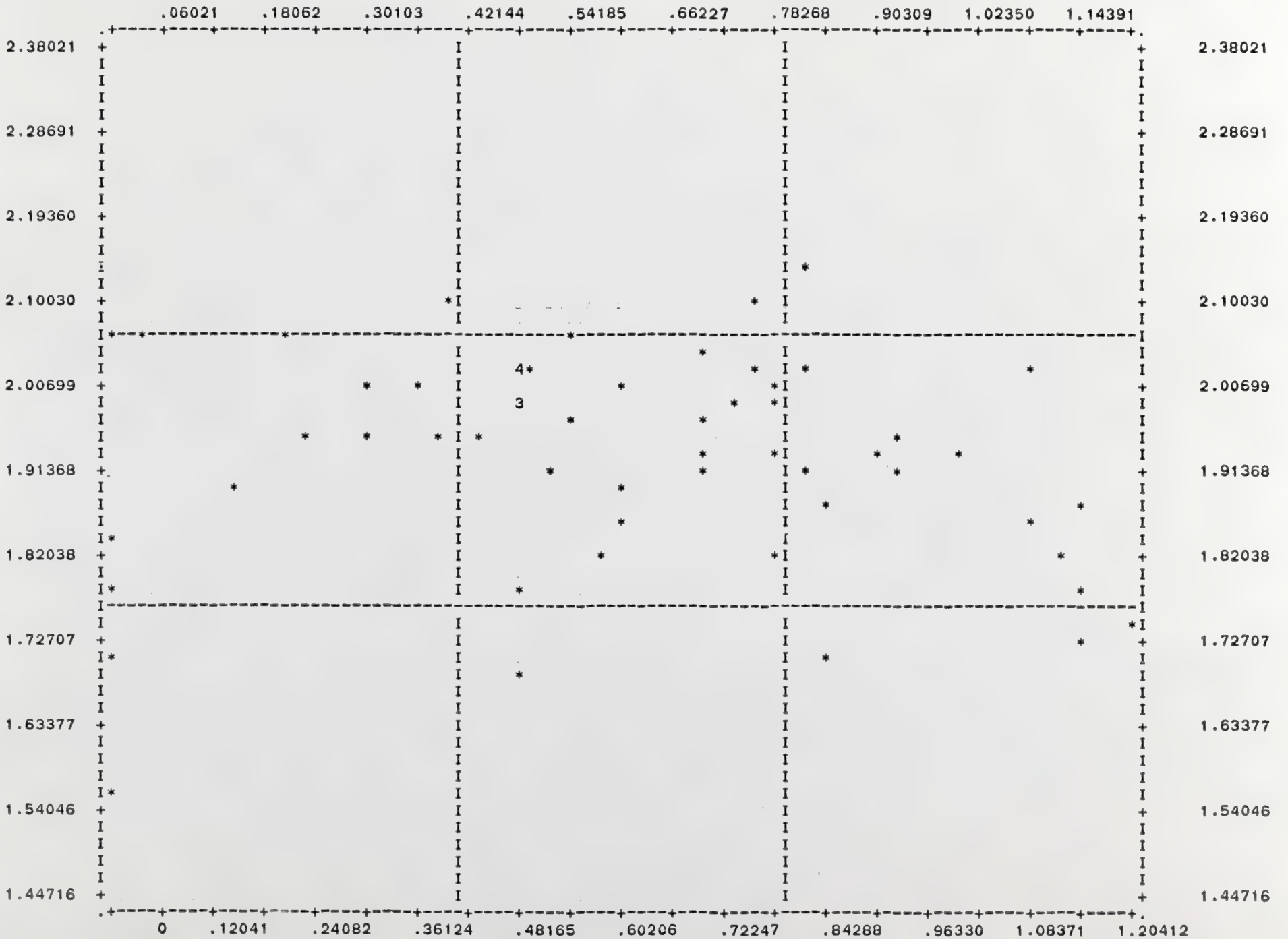
CORRELATION (R)-	.14356	R SQUARED -	.02061	SIGNIFICANCE R -	.03689
STD ERR OF EST -	.15224	INTERCEPT (A) -	1.62593	STD ERROR OF A -	.18989
SIGNIFICANCE A -	.00001	SLOPE (B) -	.15138	STD ERROR OF B -	.08409
SIGNIFICANCE B -	.03689				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) POTASS



STATISTICS..

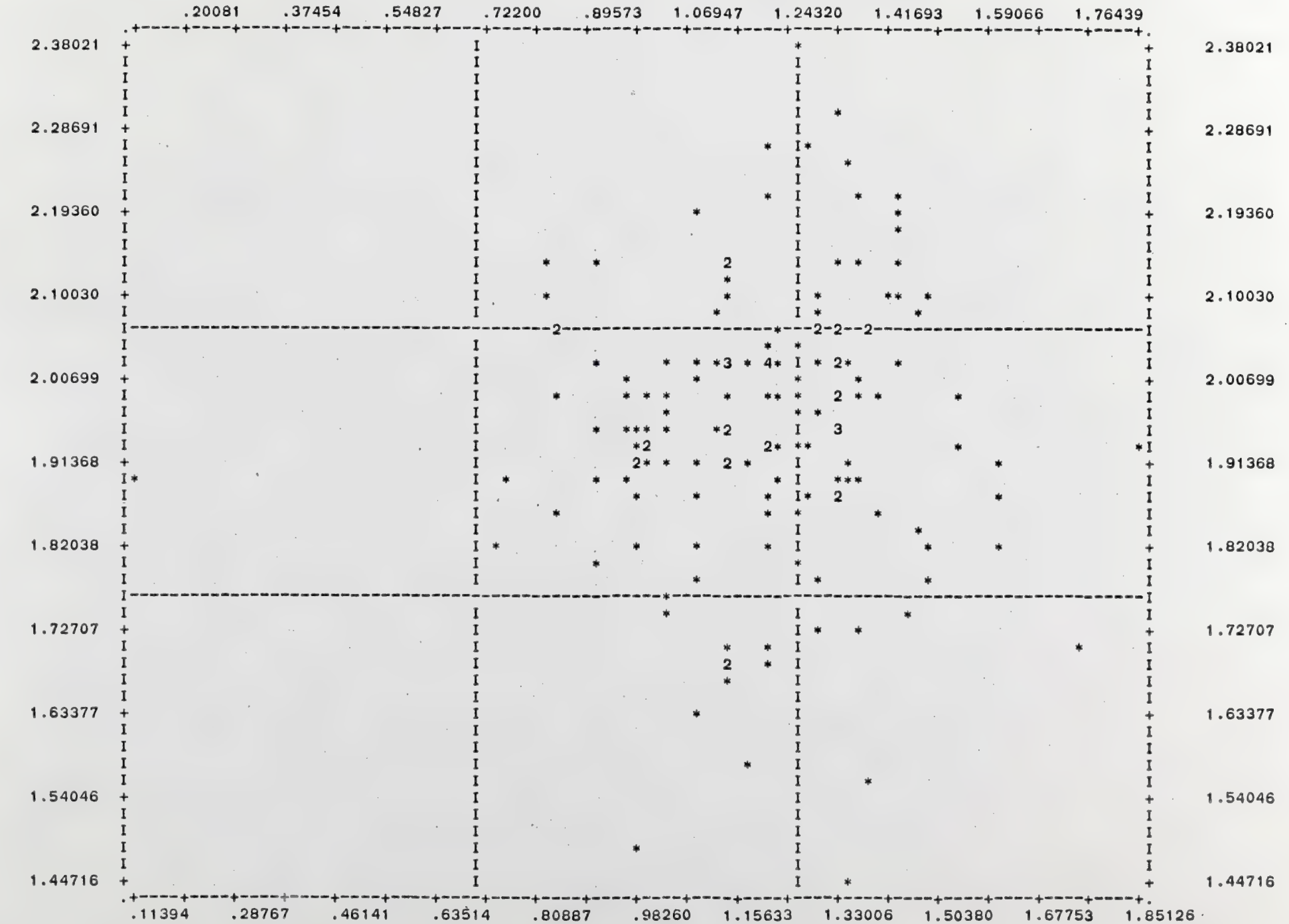
CORRELATION (R)-	-.06619	R SQUARED -	.00438	SIGNIFICANCE R -	.30920
STD ERR OF EST -	.12040	INTERCEPT (A) -	1.95657	STD ERROR OF A -	.03335
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.02447	STD ERROR OF B -	.04887
SIGNIFICANCE B -	.30920				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) CHLORIDE



STATISTICS..

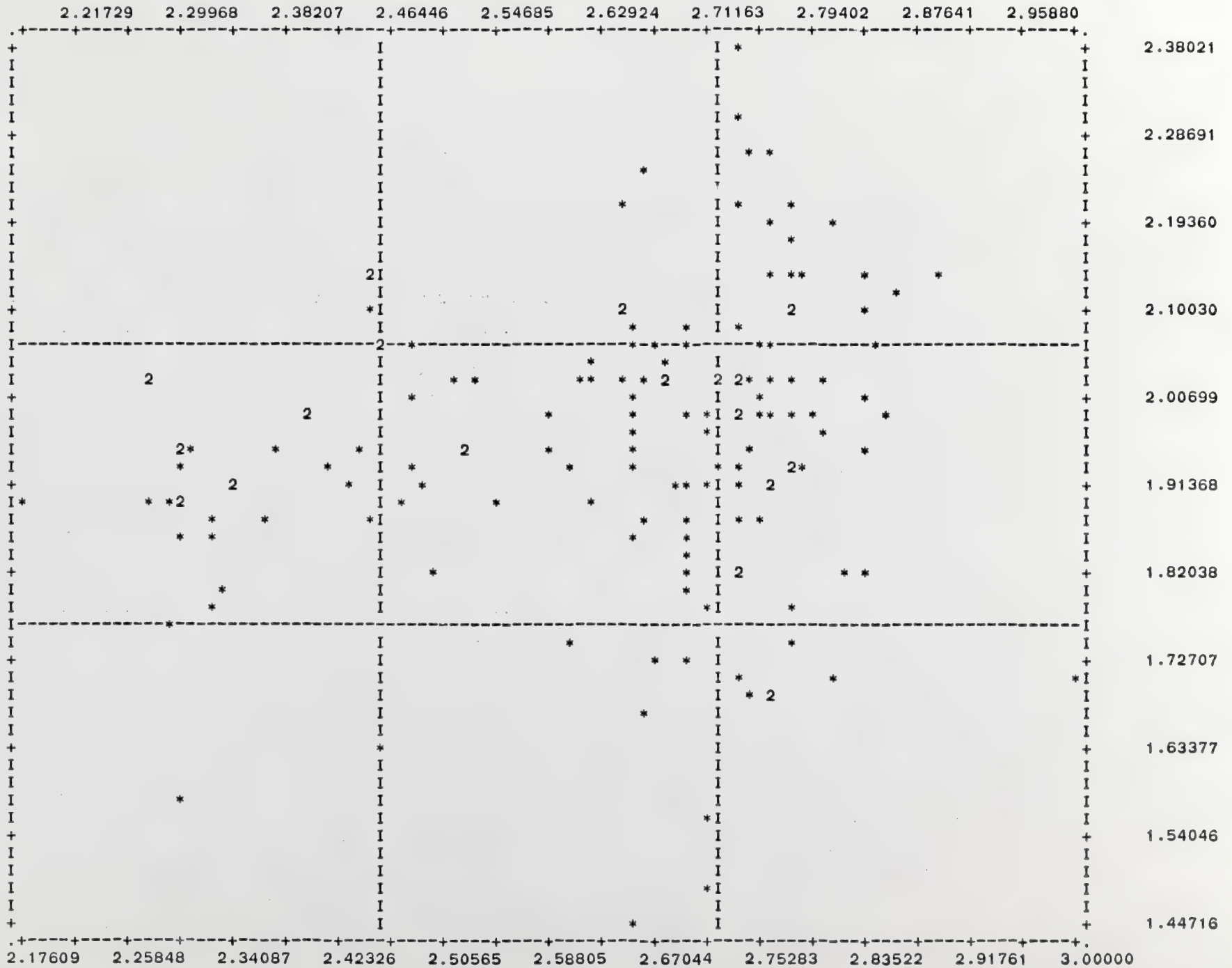
CORRELATION (R)-	.06124	R SQUARED -	.00375	SIGNIFICANCE R -	.22378
STD ERR OF EST -	.15355	INTERCEPT (A) -	1.91383	STD ERROR OF A -	.07099
SIGNIFICANCE A -	.00001	SLOPE (B) -	.04434	STD ERROR OF B -	.05824
SIGNIFICANCE B -	.22378				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) SULFATE

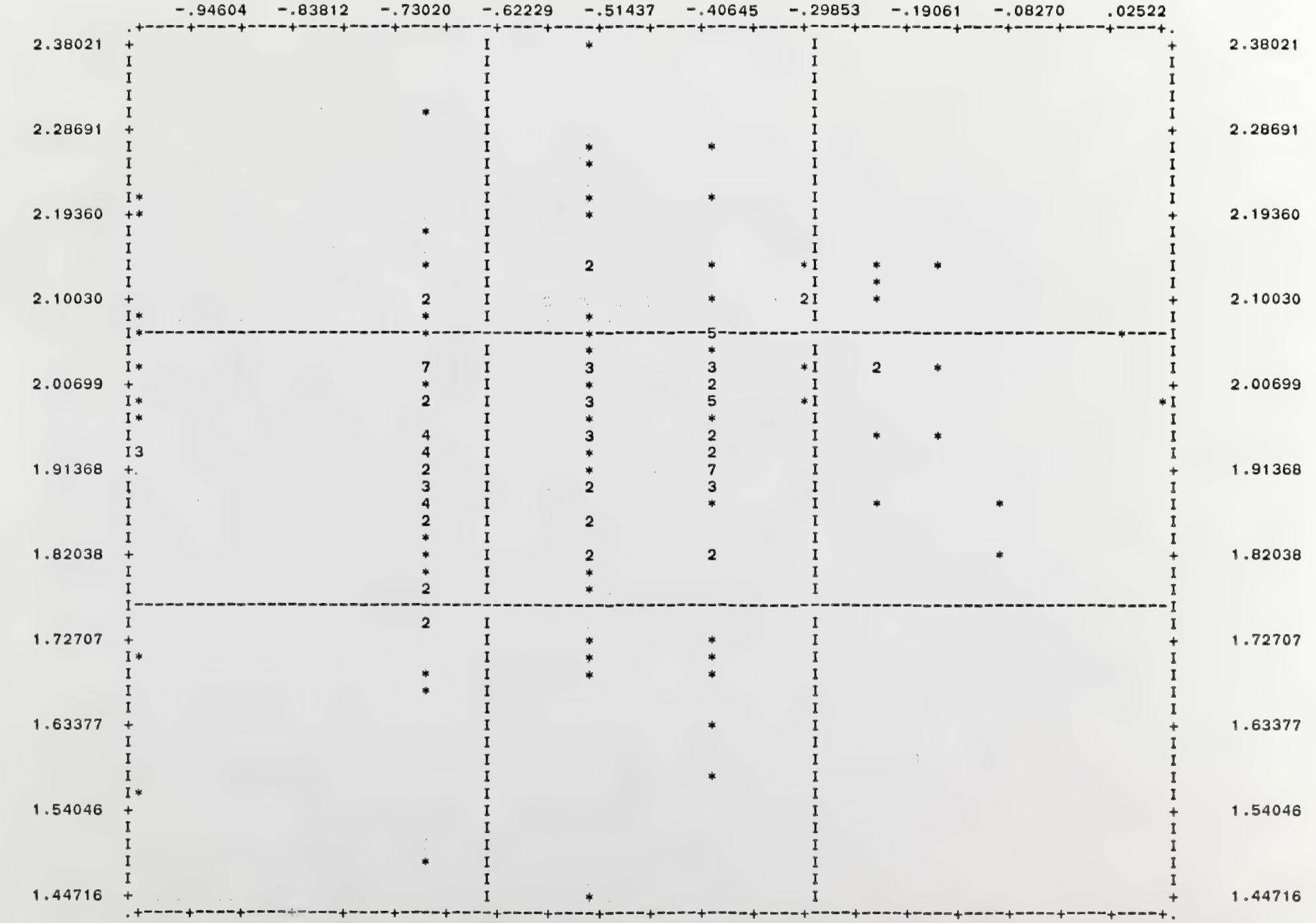


STATISTICS..

CORRELATION (R)-	.16363	R SQUARED -	.02677	SIGNIFICANCE R -	.02062
STD ERR OF EST -	.15176	INTERCEPT (A) -	1.58464	STD ERROR OF A -	.18619
SIGNIFICANCE A -	.00001	SLOPE (B) -	.14533	STD ERROR OF B -	.07061
SIGNIFICANCE B -	.02062				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) FLUORIDE



RBOSP GROUND WATER QUALITY BASELINE
ALLUVIAL AQUIFER (3) METHOD 3

STATISTICS..

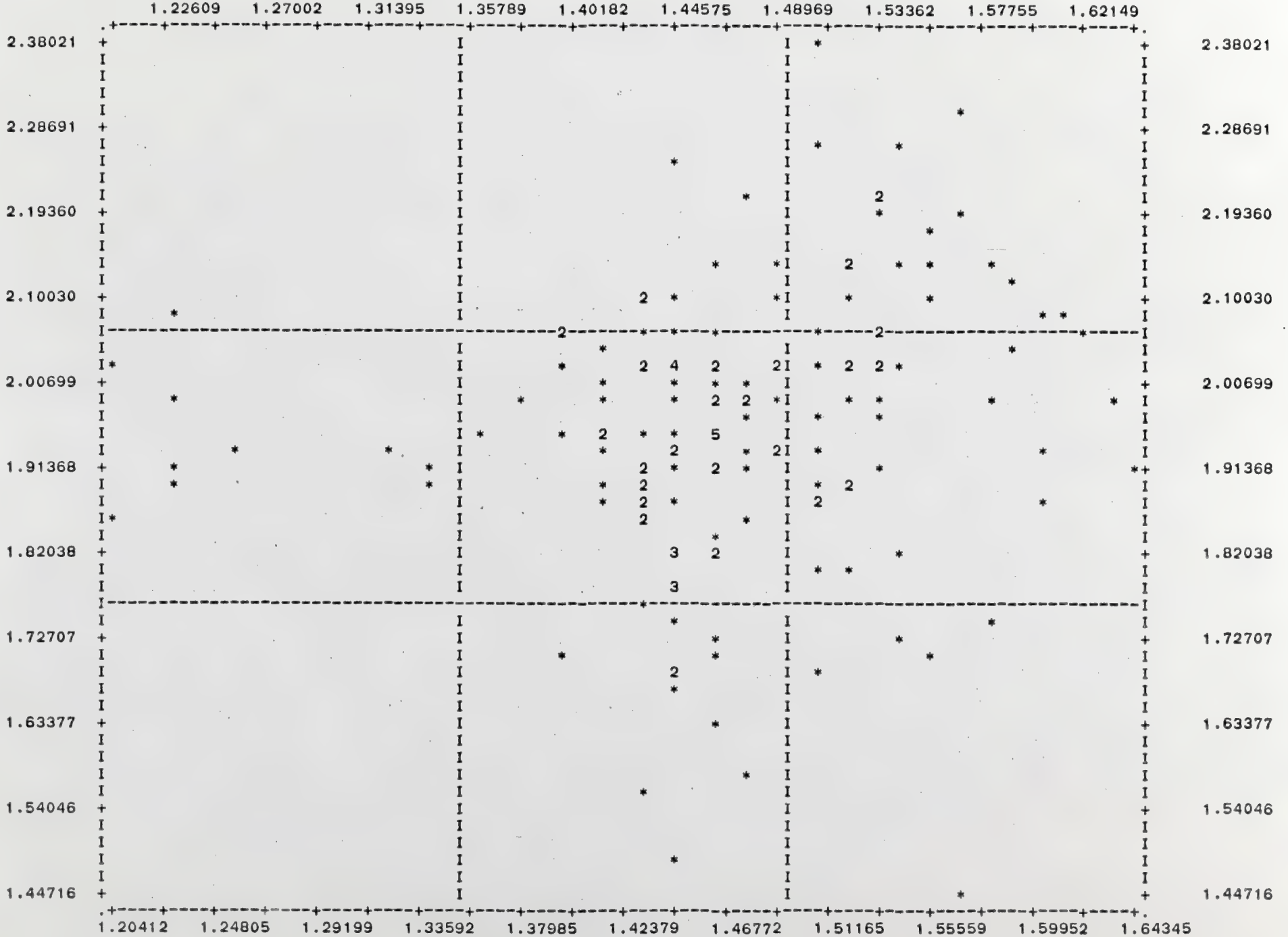
CORRELATION (R)-	.09587	R SQUARED -	.00919	SIGNIFICANCE R -	.11769
STD ERR OF EST -	.15287	INTERCEPT (A) -	2.00488	STD ERROR OF A -	.03308
SIGNIFICANCE A -	.00001	SLOPE (B) -	.06820	STD ERROR OF B -	.05725
SIGNIFICANCE B -	.11769				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) SILICA

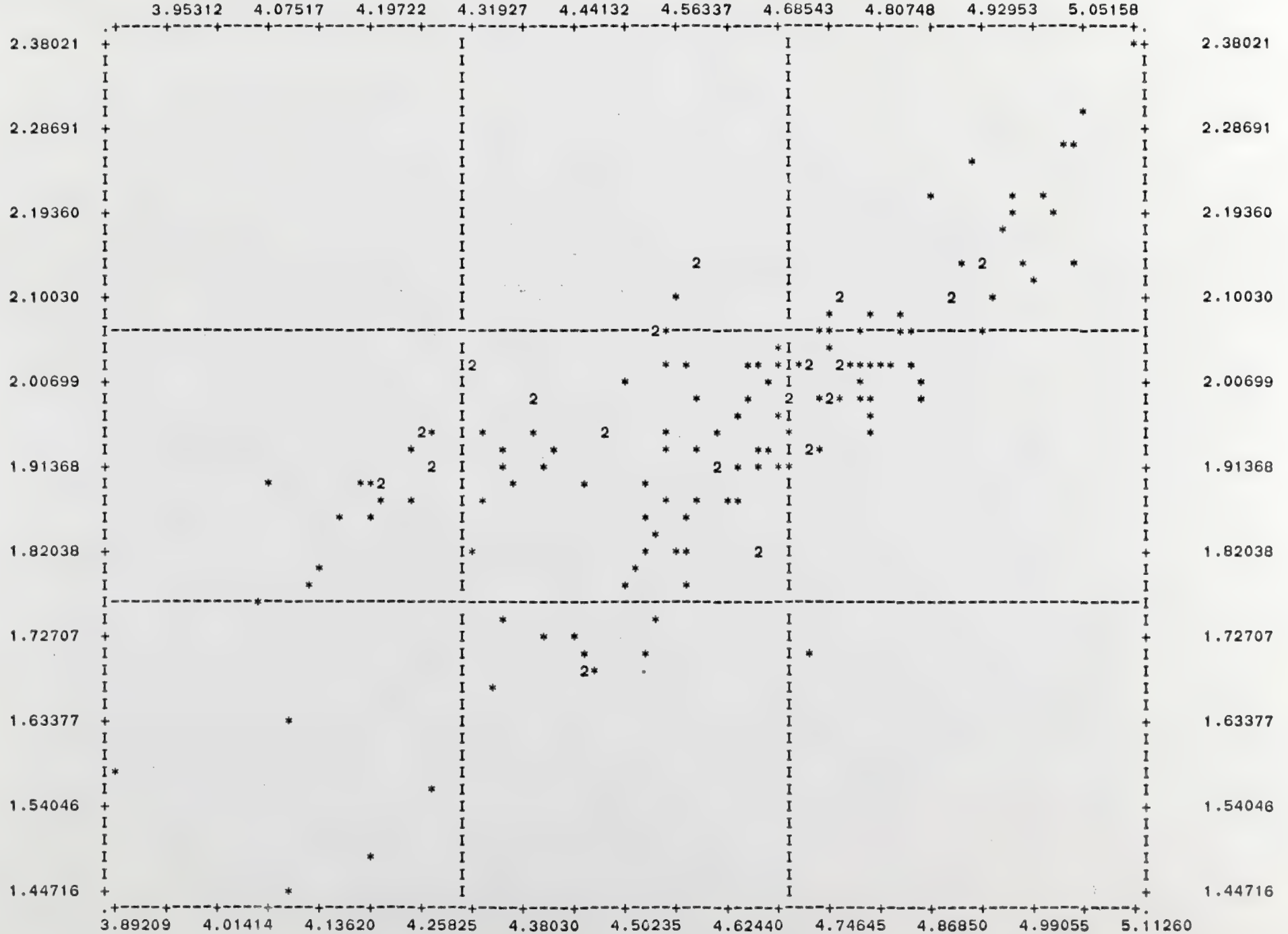


STATISTICS..

CORRELATION (R)-	.16113	R SQUARED -	.02596	SIGNIFICANCE R -	.02224
STD ERR OF EST -	.15183	INTERCEPT (A) -	1.50595	STD ERROR OF A -	.22792
SIGNIFICANCE A -	.00001	SLOPE (B) -	.31394	STD ERROR OF B -	.15495
SIGNIFICANCE B -	.02224				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) GYPSUM

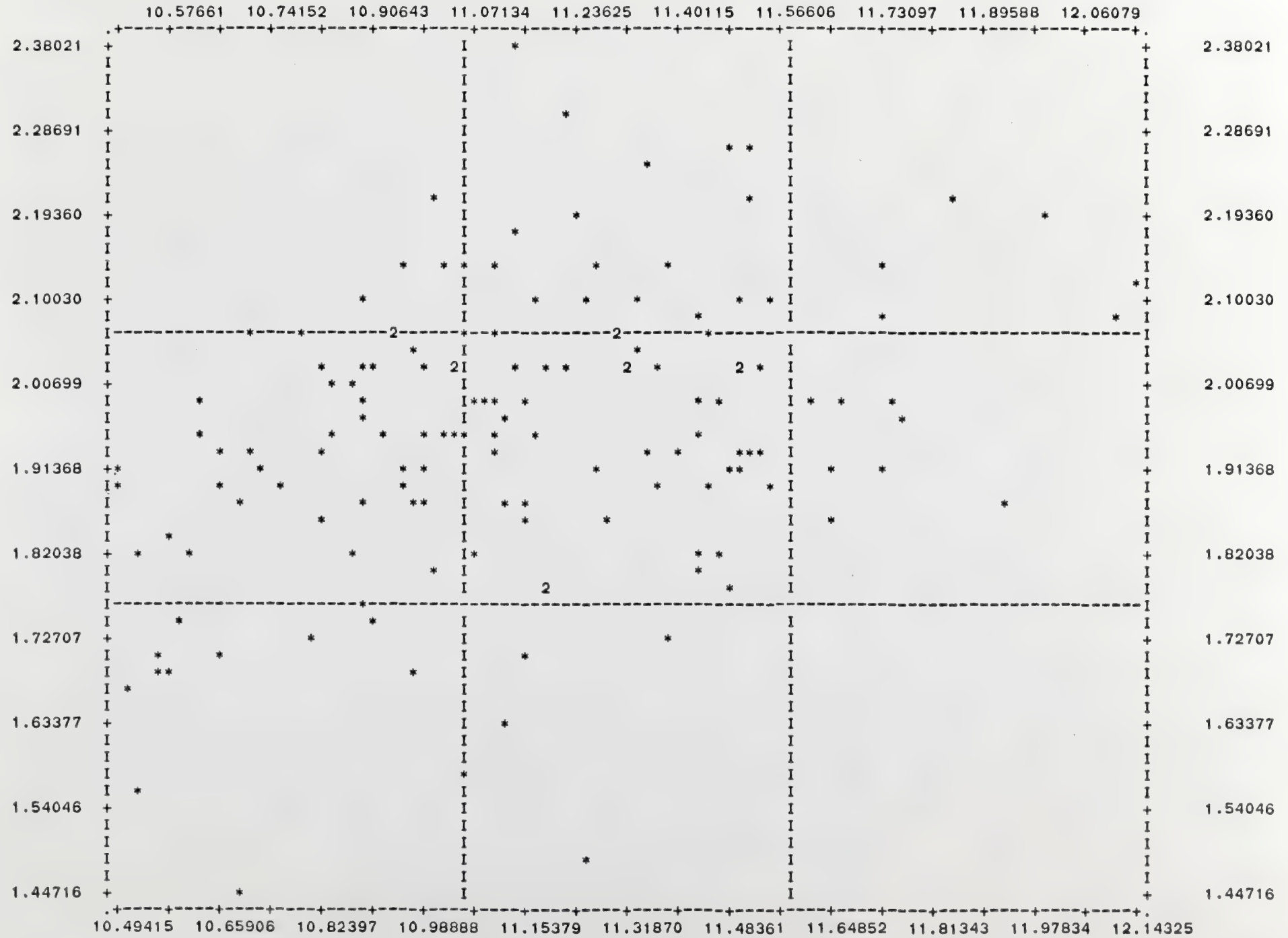


STATISTICS..

CORRELATION (R)-	.72939	R SQUARED -	.53200	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10524	INTERCEPT (A) -	-.09872	STD ERROR OF A -	.15636
SIGNIFICANCE A -	.26437	SLOPE (B) -	.44924	STD ERROR OF B -	.03395
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CALCIUM (ACROSS) CALCITE

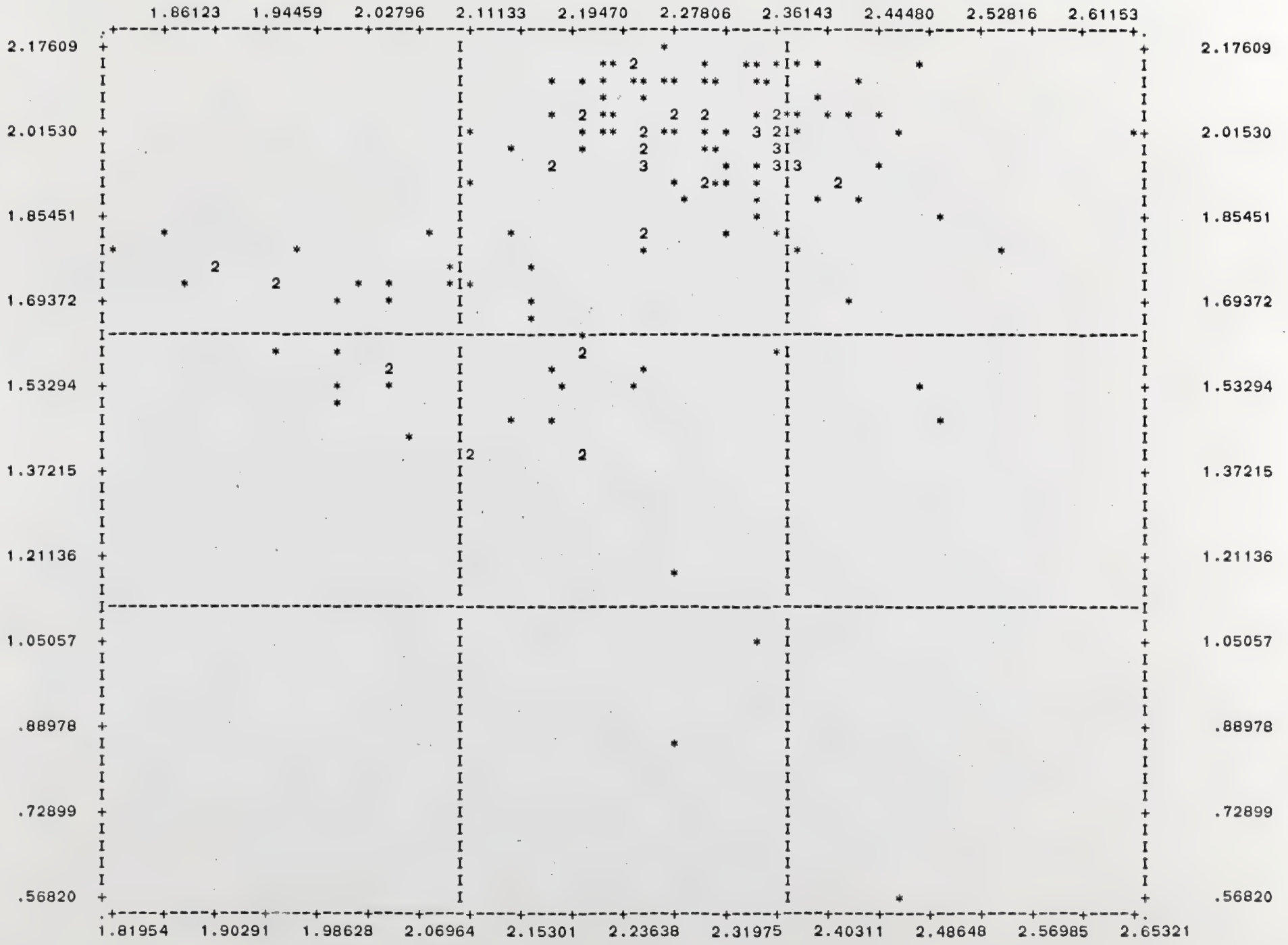


STATISTICS..

CORRELATION (R)-	.37008	R SQUARED -	.13696	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.14770	INTERCEPT (A) -	.12733	STD ERROR OF A -	.38601
SIGNIFICANCE A -	.37099	SLOPE (B) -	.16485	STD ERROR OF B -	.03461
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) SODIUM

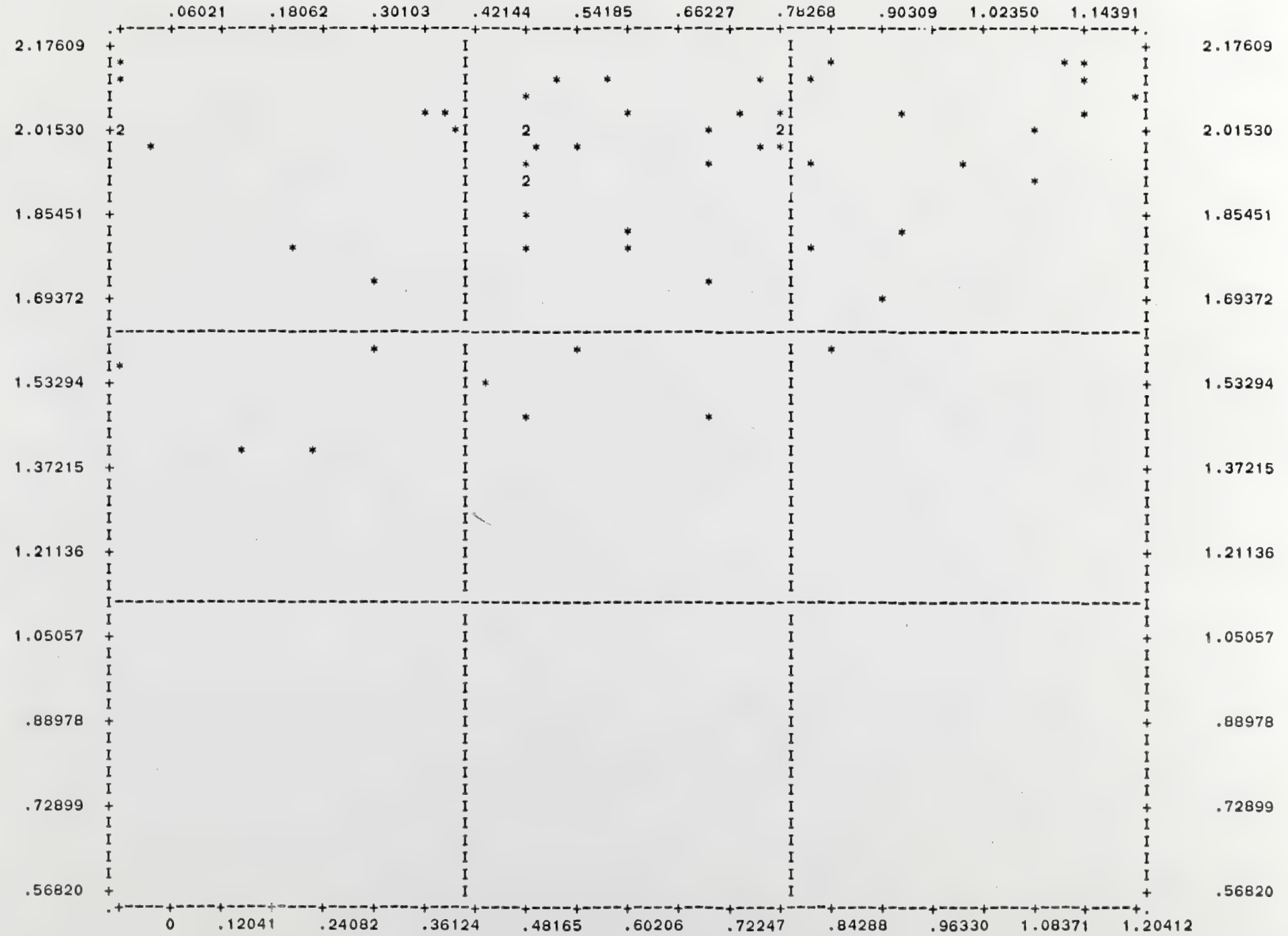


STATISTICS..

CORRELATION (R)-	.27873	R SQUARED -	.07769	SIGNIFICANCE R -	.00021
STD ERR OF EST -	.24769	INTERCEPT (A) -	.77512	STD ERROR OF A -	.30895
SIGNIFICANCE A -	.00657	SLOPE (B) -	.49273	STD ERROR OF B -	.13681
SIGNIFICANCE B -	.00021				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) POTASS

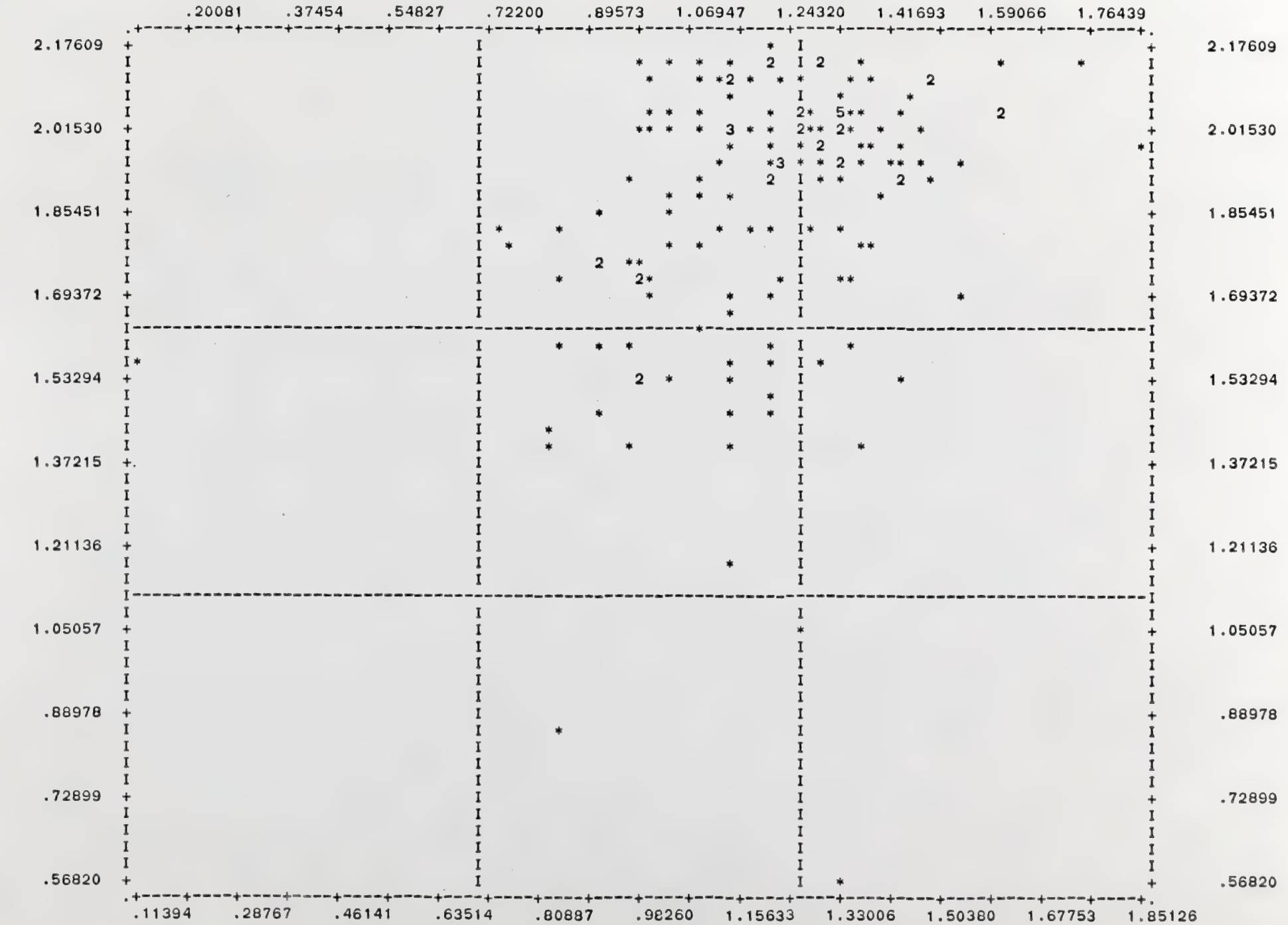


STATISTICS..

CORRELATION (R)-	.27110	R SQUARED -	.07350	SIGNIFICANCE R -	.01891
STD ERR OF EST -	.19760	INTERCEPT (A) -	1.82615	STD ERROR OF A -	.05474
SIGNIFICANCE A -	.00001	SLOPE (B) -	.17053	STD ERROR OF B -	.08020
SIGNIFICANCE B -	.01891				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) CHLORIDE



STATISTICS..

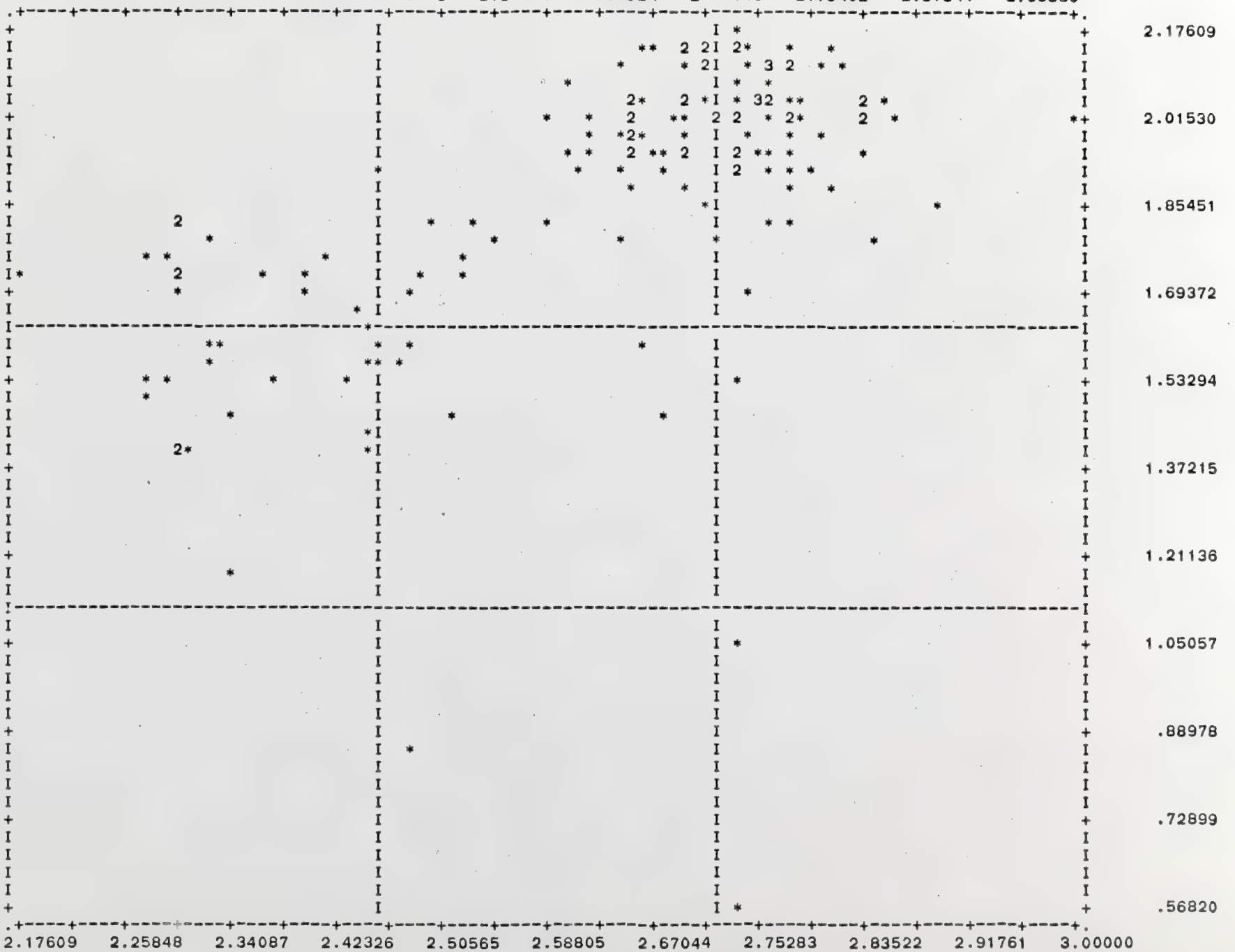
CORRELATION (R)-	.31979	R SQUARED -	.10227	SIGNIFICANCE R -	.00002
STD ERR OF EST -	.24437	INTERCEPT (A) -	1.41948	STD ERROR OF A -	.11298
SIGNIFICANCE A -	.00001	SLOPE (B) -	.38820	STD ERROR OF B -	.09268
SIGNIFICANCE B -	.00002				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) SULFATE



STATISTICS..

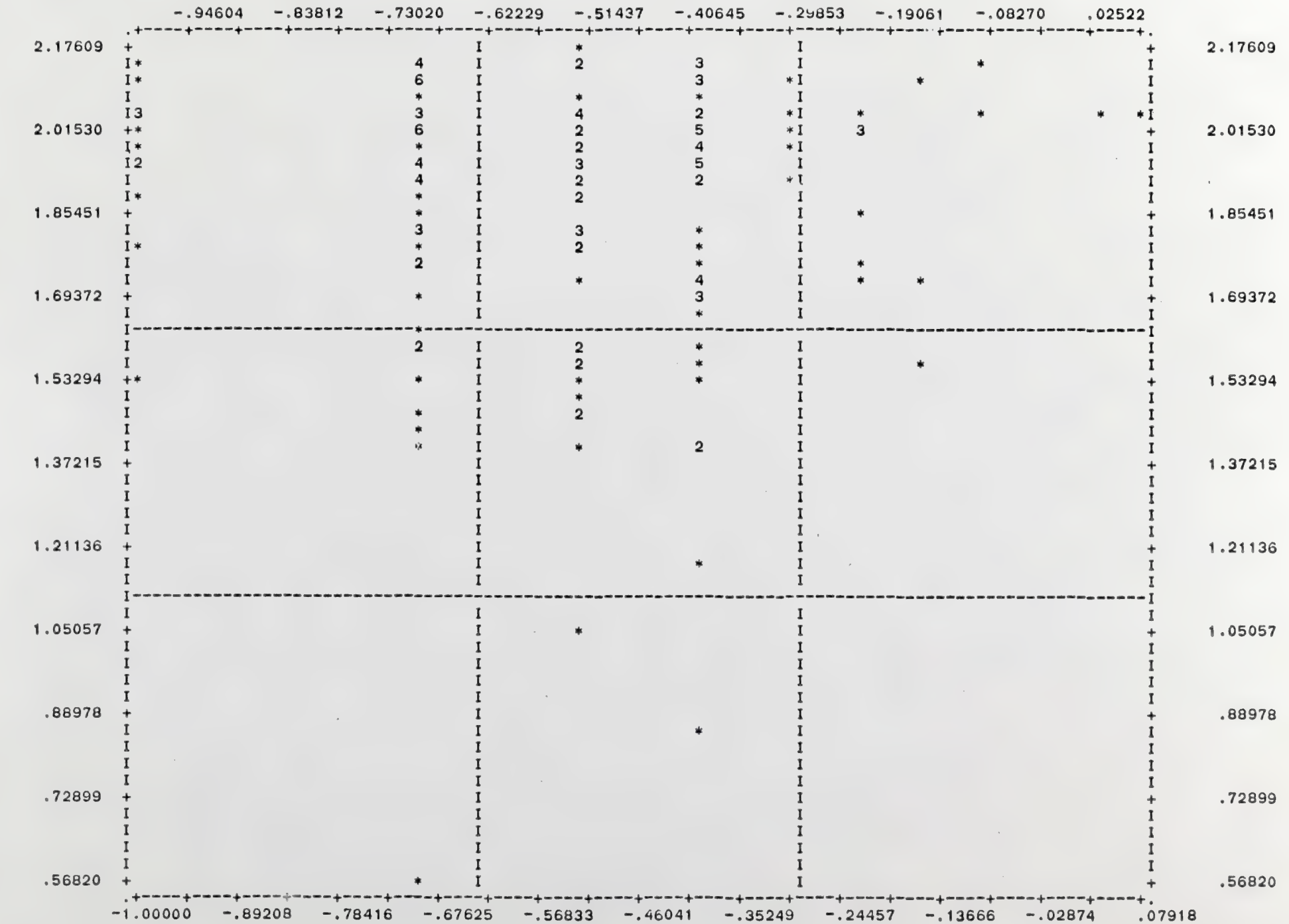
CORRELATION (R)-	.58453	R SQUARED -	.34167	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.20926	INTERCEPT (A) -	-.40478	STD ERROR OF A -	.25673
SIGNIFICANCE A -	.05846	SLOPE (B) -	.87041	STD ERROR OF B -	.09736
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) FLUORIDE



RBOSP GROUND WATER QUALITY BASELINE
ALLUVIAL AQUIFER (3) METHOD 3

STATISTICS..

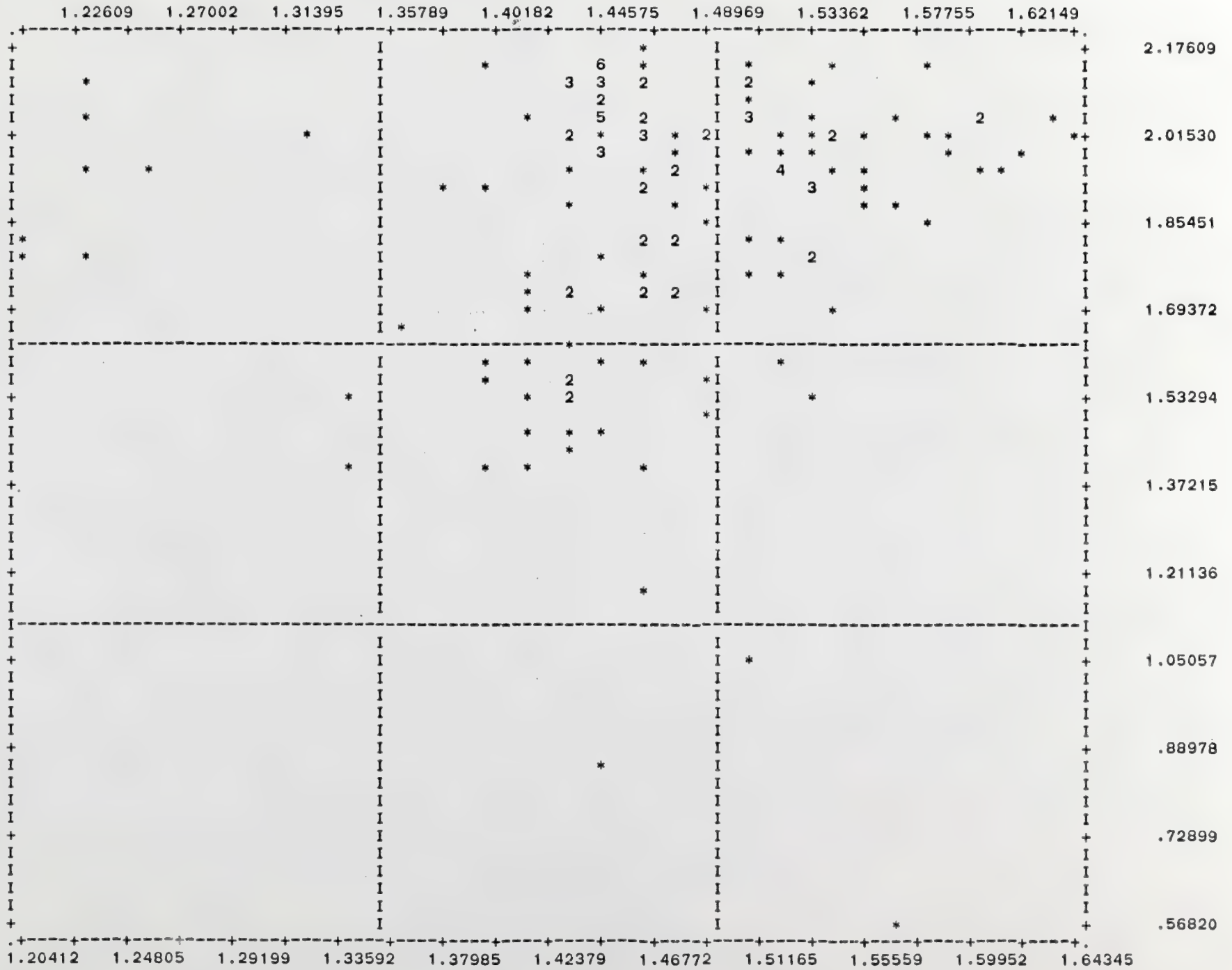
CORRELATION (R)-	-.01443	R SQUARED -	.00021	SIGNIFICANCE R -	.42927
STD ERR OF EST -	.25724	INTERCEPT (A) -	1.87851	STD ERROR OF A -	.05566
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.01720	STD ERROR OF B -	.09633
SIGNIFICANCE B -	.42927				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) SILICA



STATISTICS..

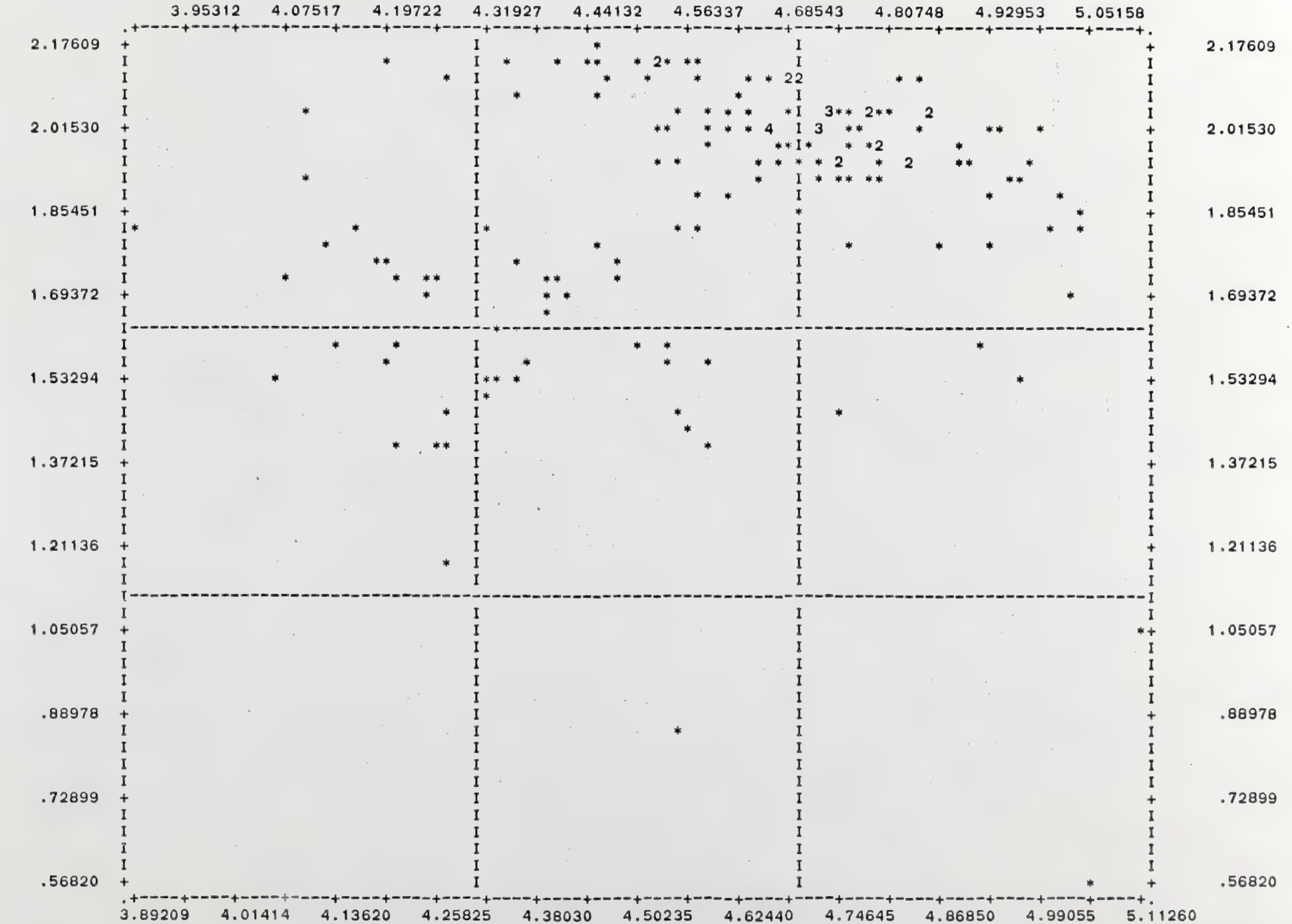
CORRELATION (R)-	.11880	R SQUARED -	.01411	SIGNIFICANCE R -	.06983
STD ERR OF EST -	.25608	INTERCEPT (A) -	1.31558	STD ERROR OF A -	.38442
SIGNIFICANCE A -	.00040	SLOPE (B) -	.38804	STD ERROR OF B -	.26135
SIGNIFICANCE B -	.06983				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) GYPSUM

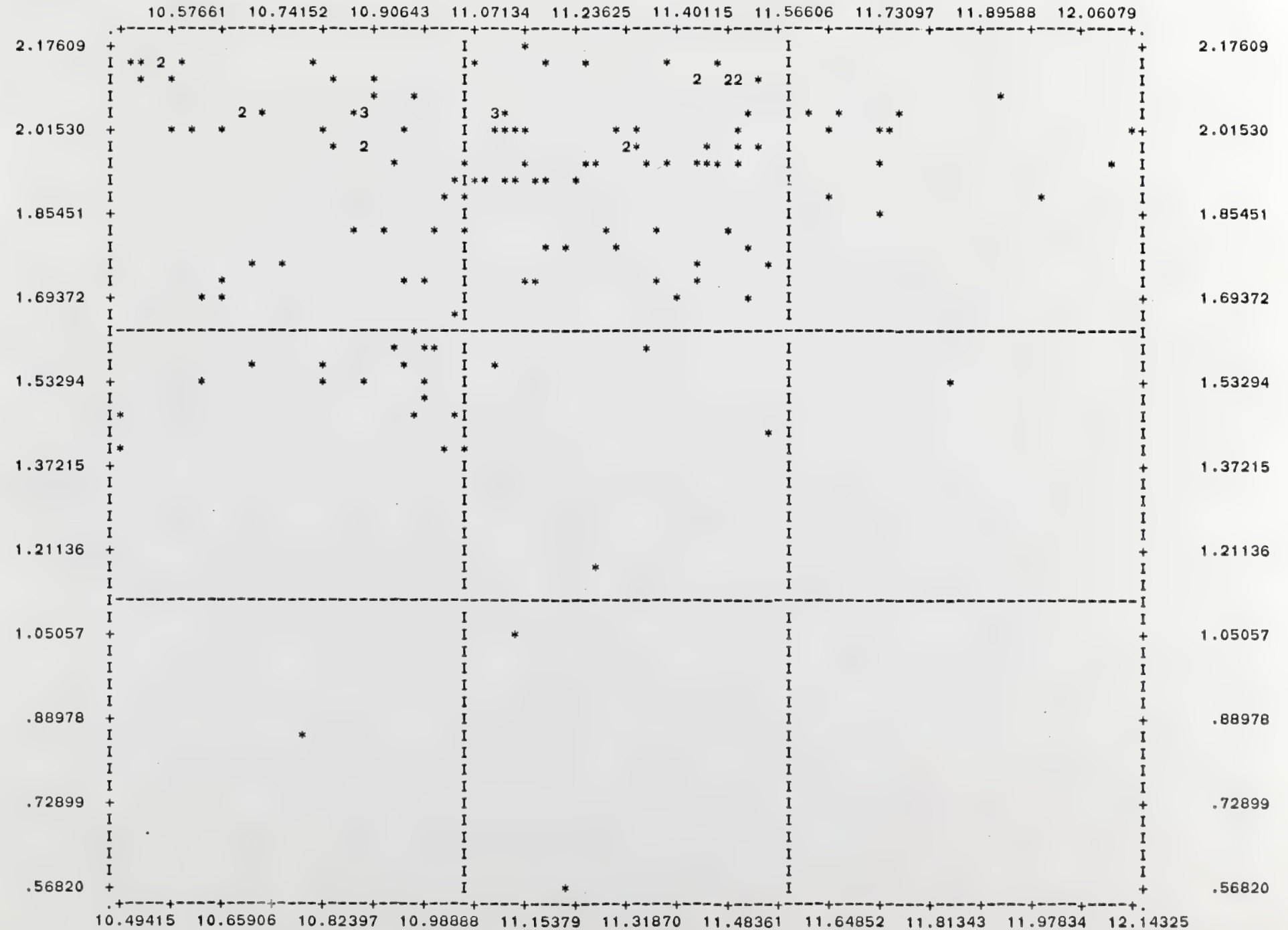


STATISTICS..

CORRELATION (R)-	.18482	R SQUARED -	.03416	SIGNIFICANCE R -	.01045
STD ERR OF EST -	.25347	INTERCEPT (A) -	1.00797	STD ERROR OF A -	.37658
SIGNIFICANCE A -	.00412	SLOPE (B) -	.19084	STD ERROR OF B -	.08178
SIGNIFICANCE B -	.01045				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) MAGNESUM (ACROSS) CALCITE

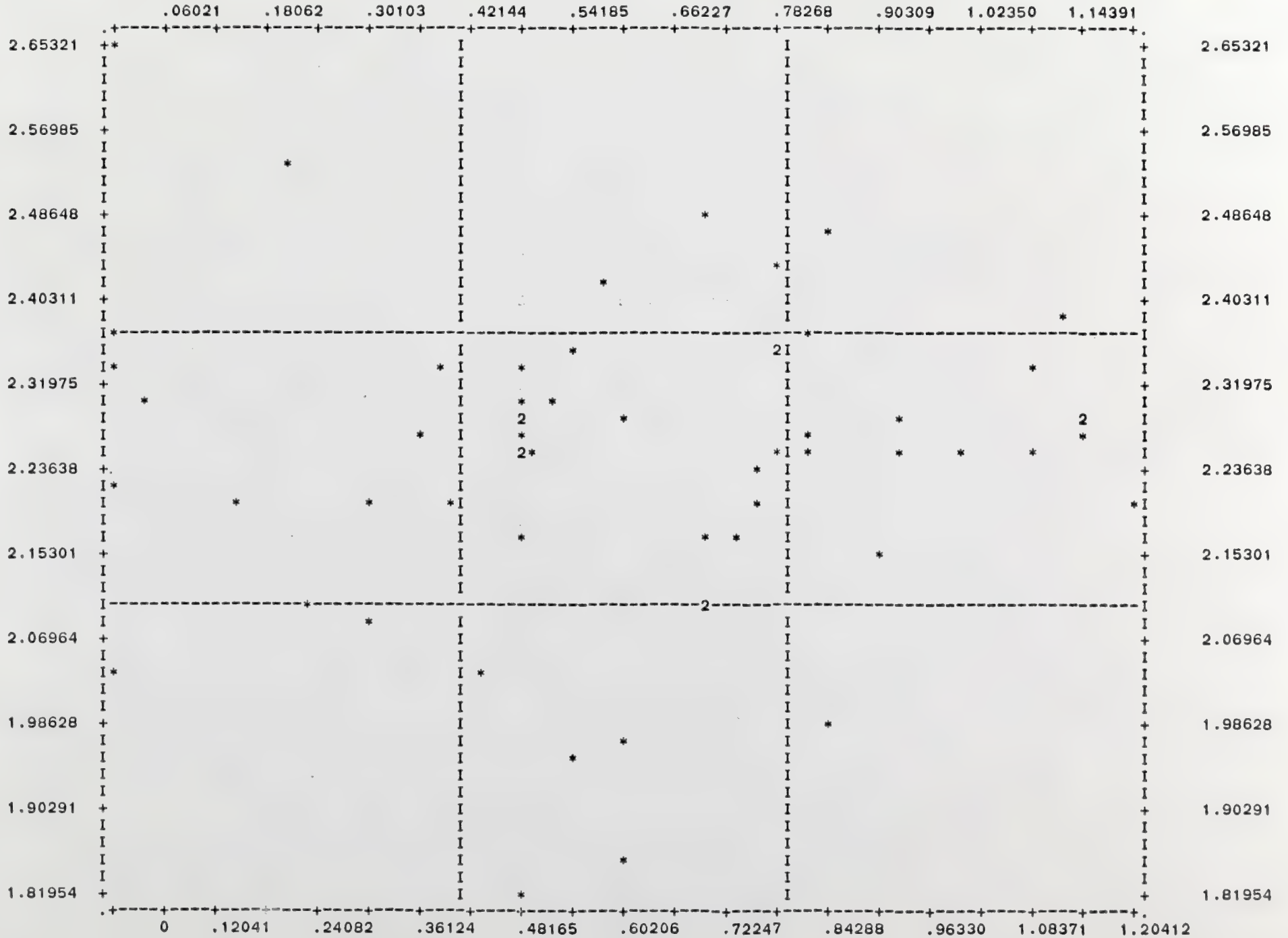


STATISTICS..

CORRELATION (R)-	.11234	R SQUARED -	.01262	SIGNIFICANCE R -	.08927
STD ERR OF EST -	.25987	INTERCEPT (A) -	.96625	STD ERROR OF A -	.67917
SIGNIFICANCE A -	.07850	SLOPE (B) -	.08232	STD ERROR OF B -	.06089
SIGNIFICANCE B -	.08927				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SODIUM (ACROSS) POTASS



STATISTICS..

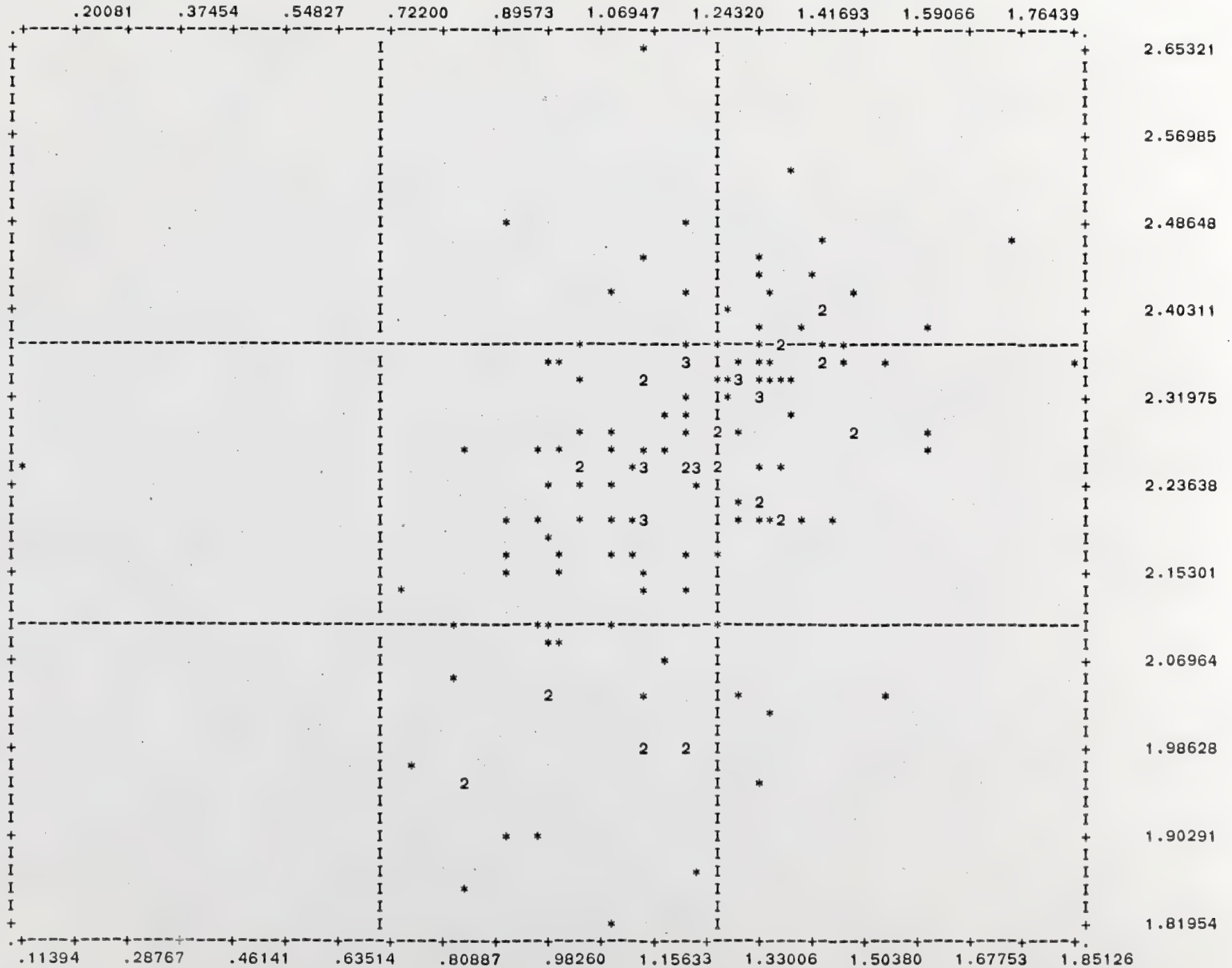
CORRELATION (R)-	.00806	R SQUARED -	.00006	SIGNIFICANCE R -	.47585
STD ERR OF EST -	.15426	INTERCEPT (A) -	2.25006	STD ERROR OF A -	.04273
SIGNIFICANCE A -	.00001	SLOPE (B) -	.00381	STD ERROR OF B -	.06261
SIGNIFICANCE B -	.47585				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) SODIUM (ACROSS) CHLORIDE



STATISTICS..

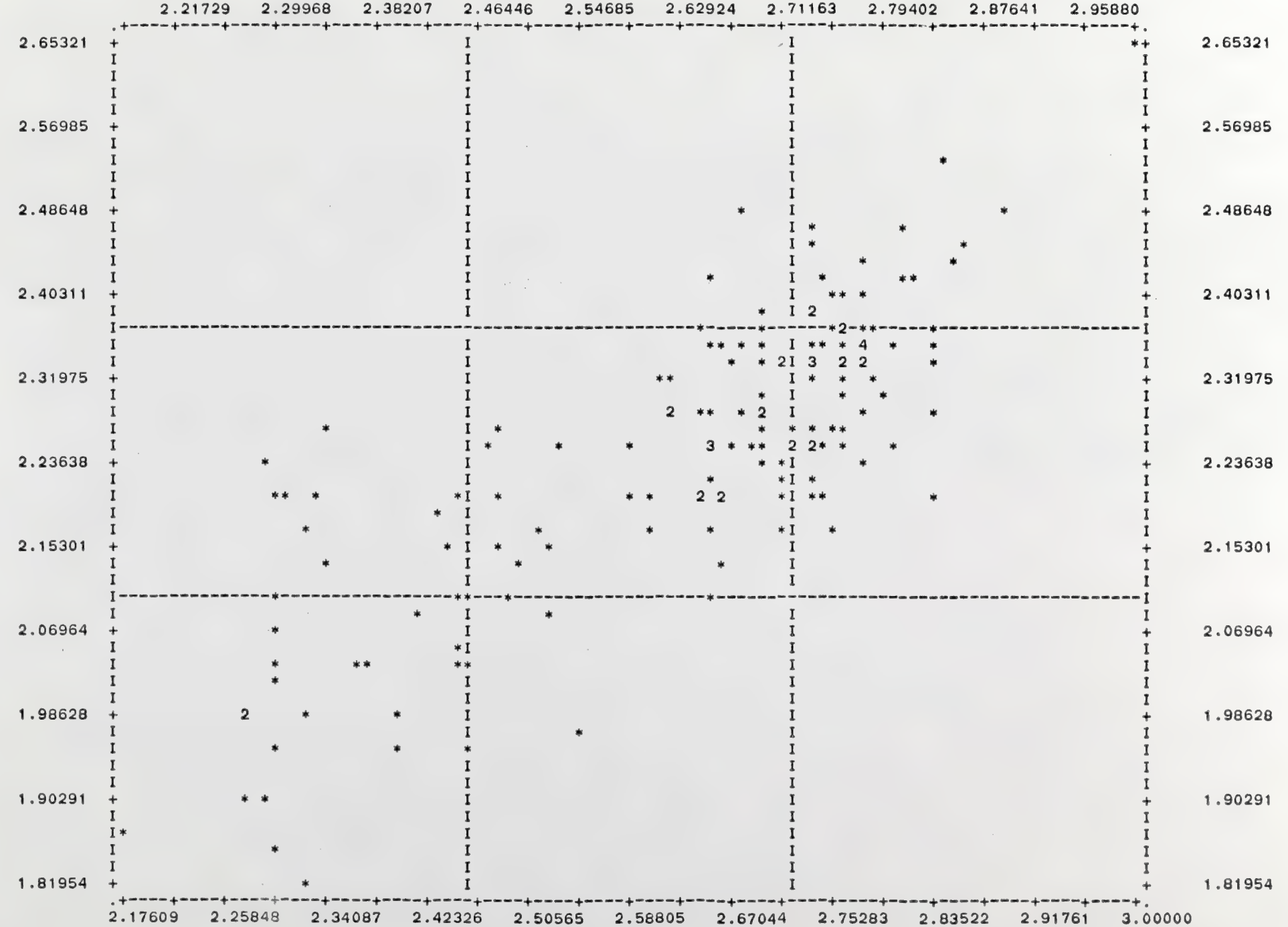
CORRELATION (R)-	.41700	R SQUARED -	.17389	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.13260	INTERCEPT (A) -	1.90982	STD ERROR OF A -	.06131
SIGNIFICANCE A -	.00001	SLOPE (B) -	.28634	STD ERROR OF B -	.05029
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) SODIUM (ACROSS) SULFATE



STATISTICS..

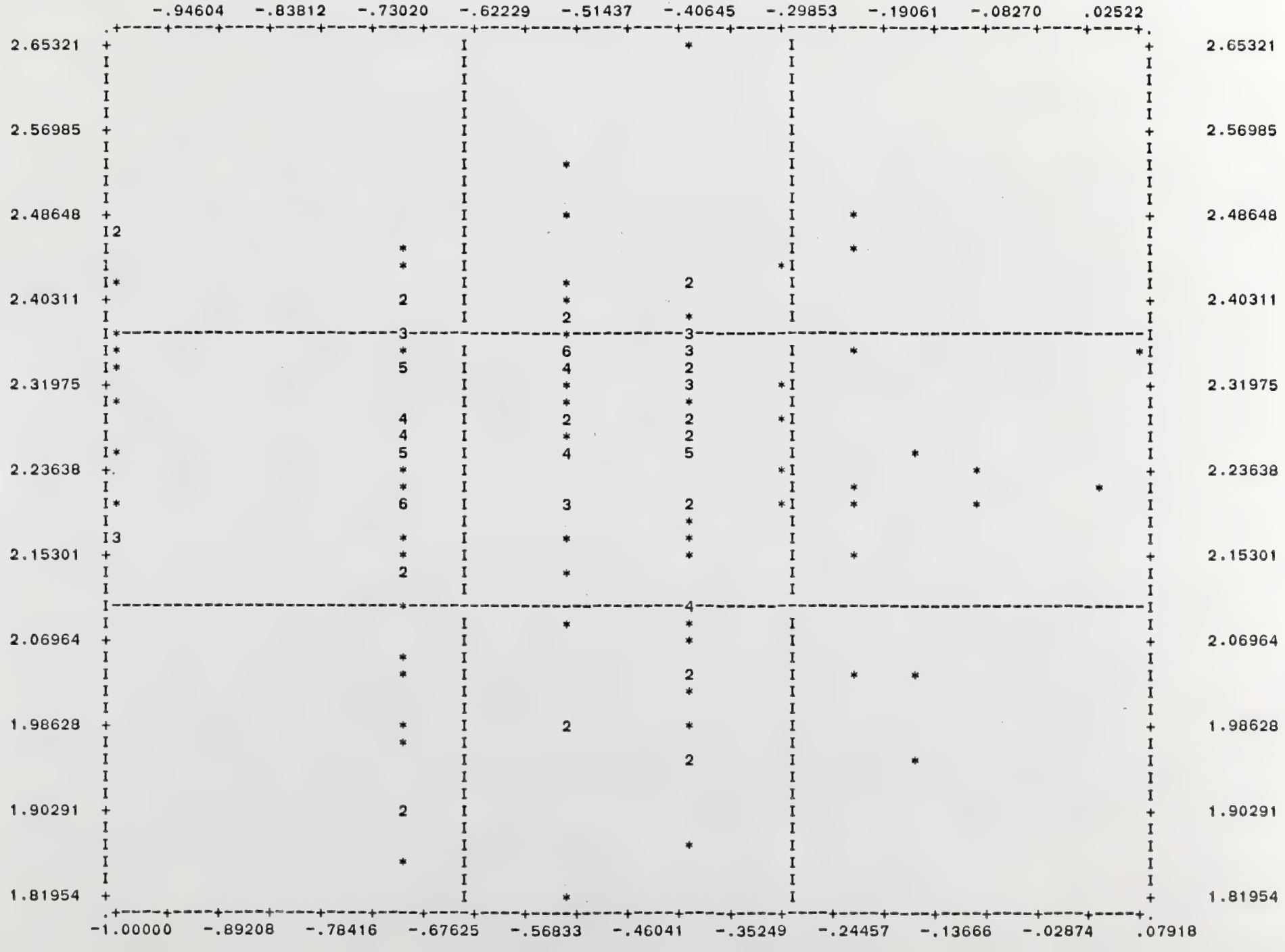
CORRELATION (R)-	.80915	R SQUARED -	.65472	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.08573	INTERCEPT (A) -	.46016	STD ERROR OF A -	.10517
SIGNIFICANCE A -	.00001	SLOPE (B) -	.68157	STD ERROR OF B -	.03988
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) SODIUM (ACROSS) FLUORIDE

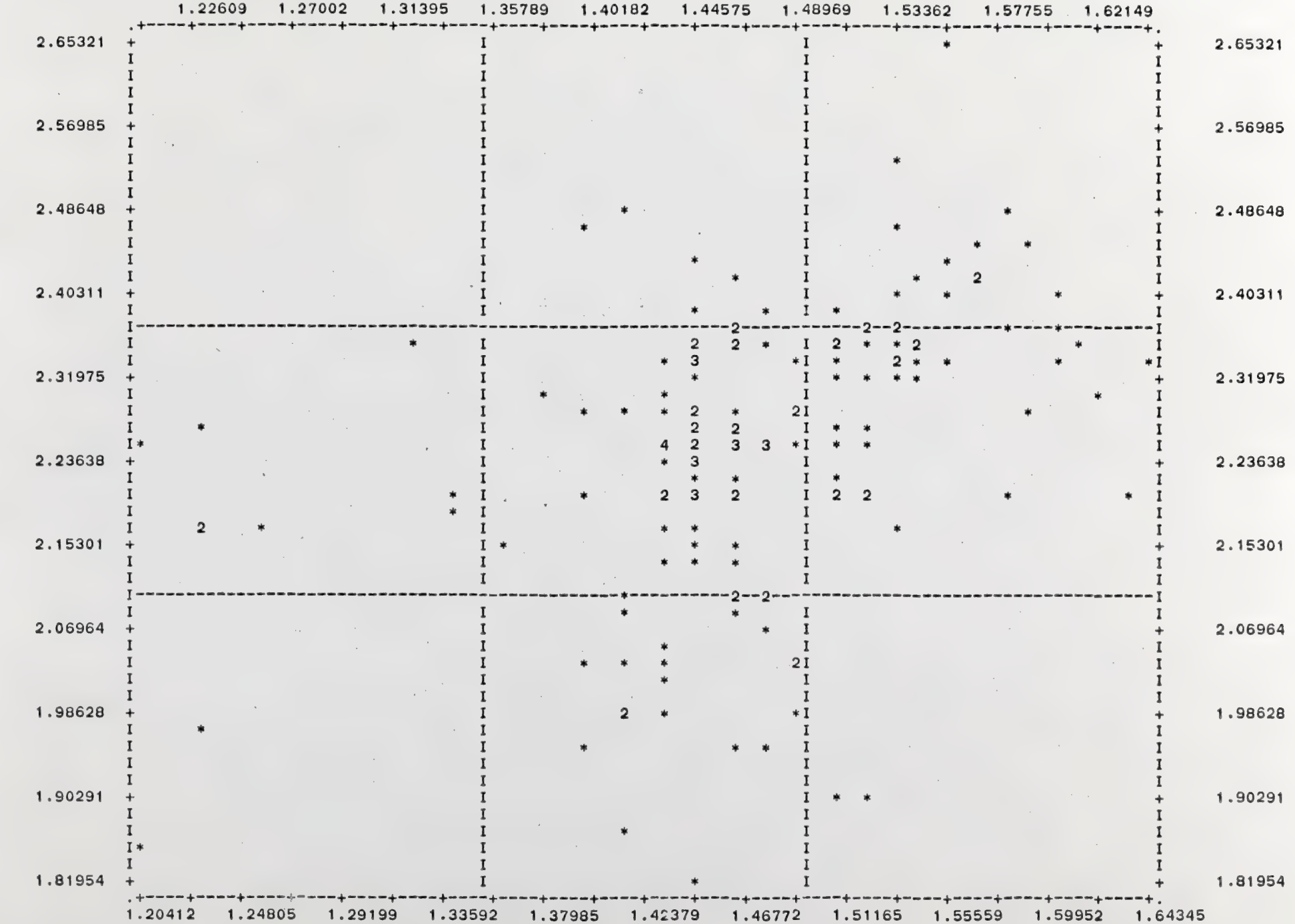


STATISTICS..

CORRELATION (R)-	-.07246	R SQUARED -	.00525	SIGNIFICANCE R -	.18512
STD ERR OF EST -	.14598	INTERCEPT (A) -	2.22730	STD ERROR OF A -	.03159
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.04913	STD ERROR OF B -	.05467
SIGNIFICANCE B -	.18512				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SODIUM (ACROSS) SILICA



STATISTICS..

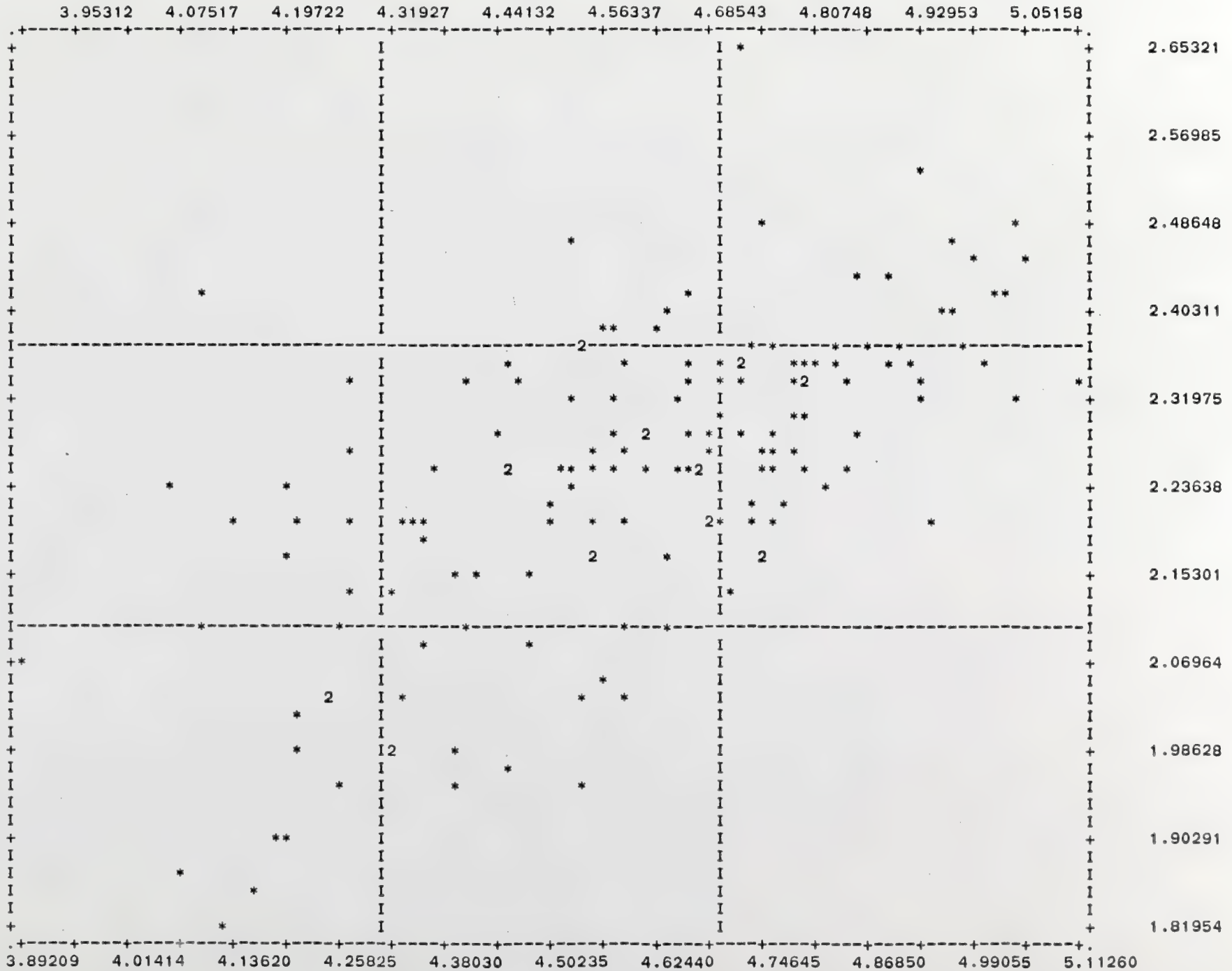
CORRELATION (R)-	.40632	R SQUARED -	.16509	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.13331	INTERCEPT (A) -	1.15086	STD ERROR OF A -	.20012
SIGNIFICANCE A -	.00001	SLOPE (B) -	.75076	STD ERROR OF B -	.13605
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) SODIUM (ACROSS) GYPSUM

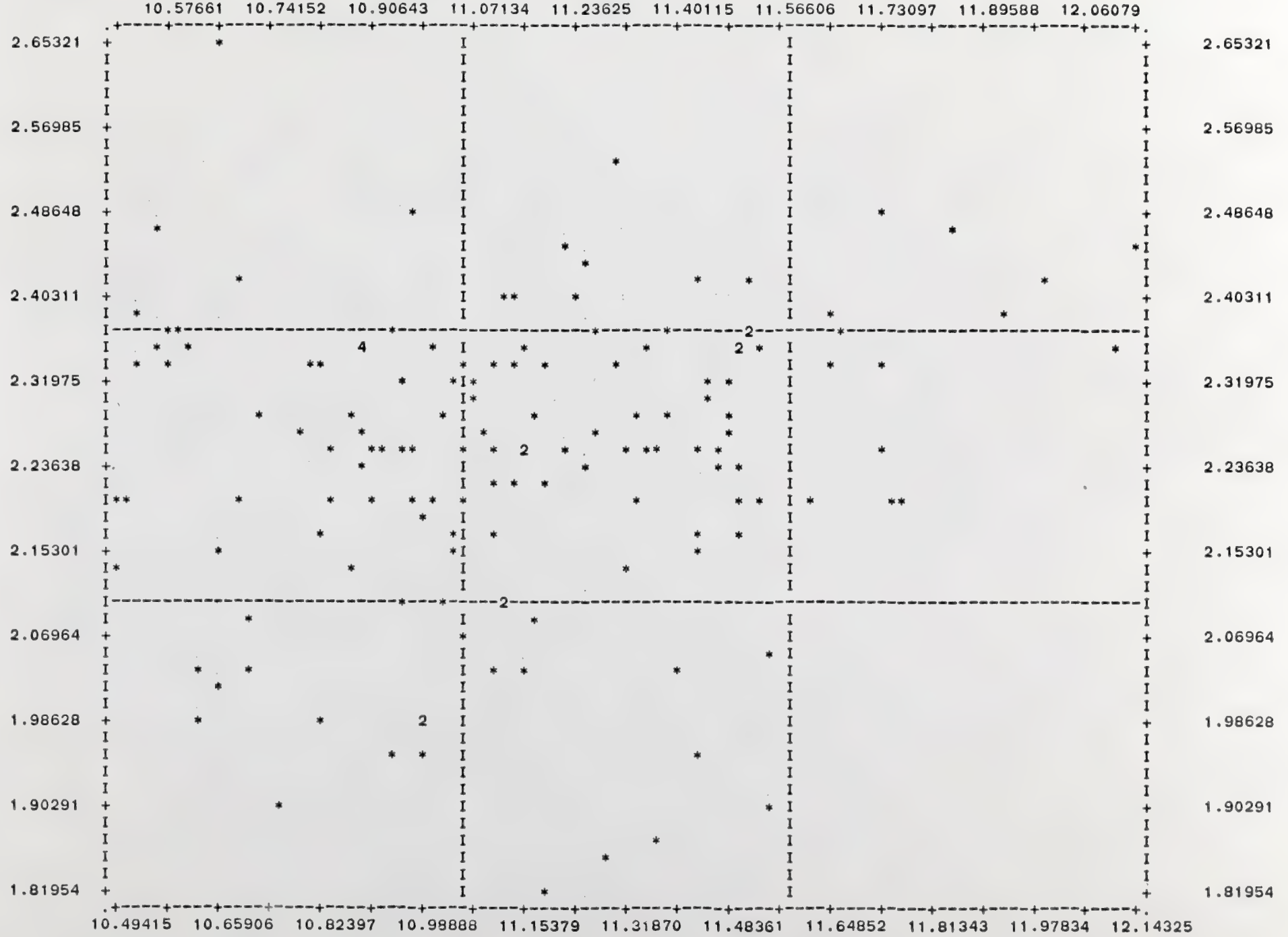


STATISTICS..

CORRELATION (R)-	.64952	R SQUARED -	.42188	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.11093	INTERCEPT (A) -	.50898	STD ERROR OF A -	.16481
SIGNIFICANCE A -	.00119	SLOPE (B) -	.37940	STD ERROR OF B -	.03579
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SODIUM (ACROSS) CALCITE

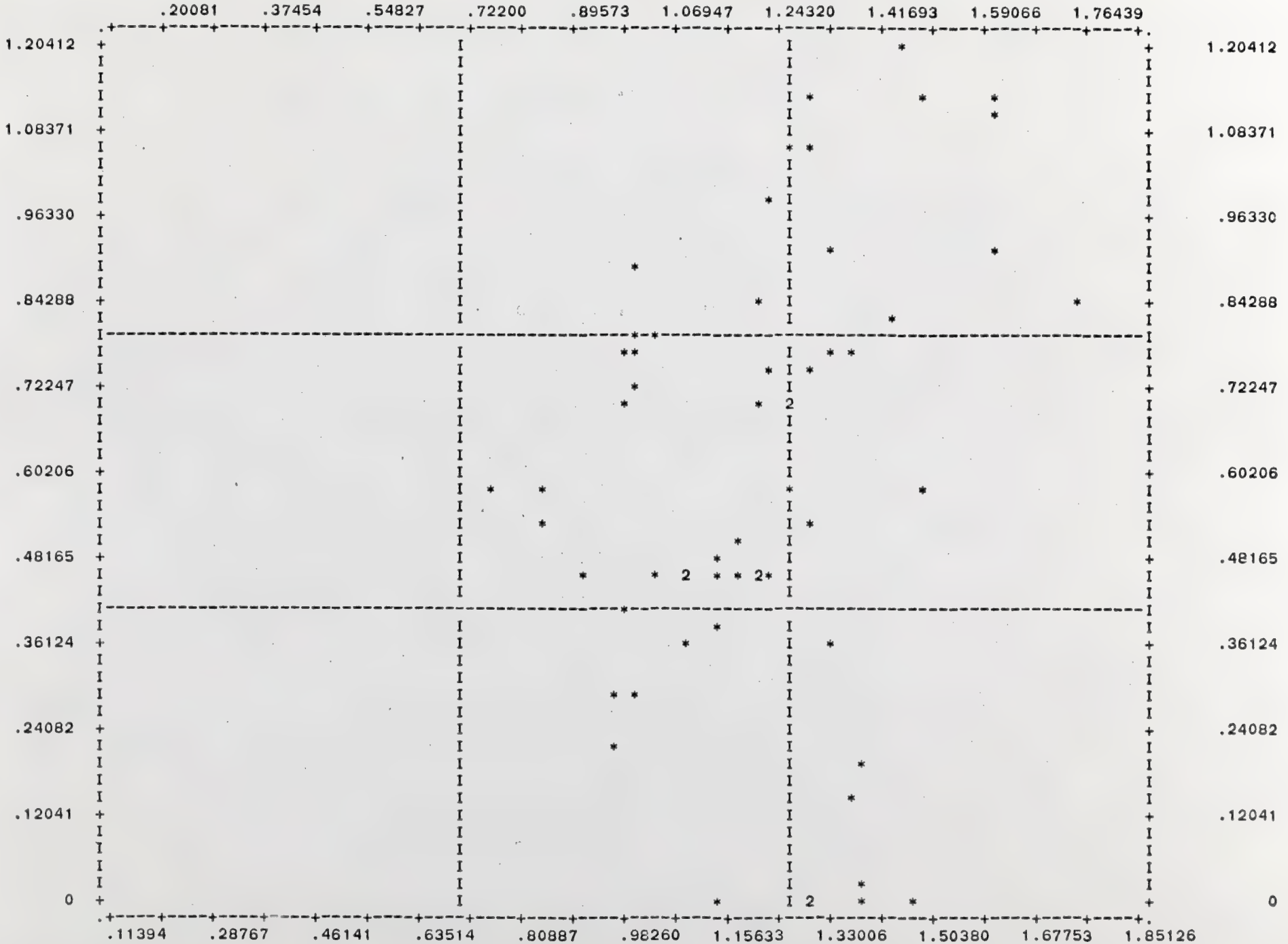


STATISTICS..

CORRELATION (R)-	.14565	R SQUARED -	.02122	SIGNIFICANCE R -	.04023
STD ERR OF EST -	.14606	INTERCEPT (A) -	1.58231	STD ERROR OF A -	.38172
SIGNIFICANCE A -	.00003	SLOPE (B) -	.06025	STD ERROR OF B -	.03422
SIGNIFICANCE B -	.04023				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) POTASS (ACROSS) CHLORIDE

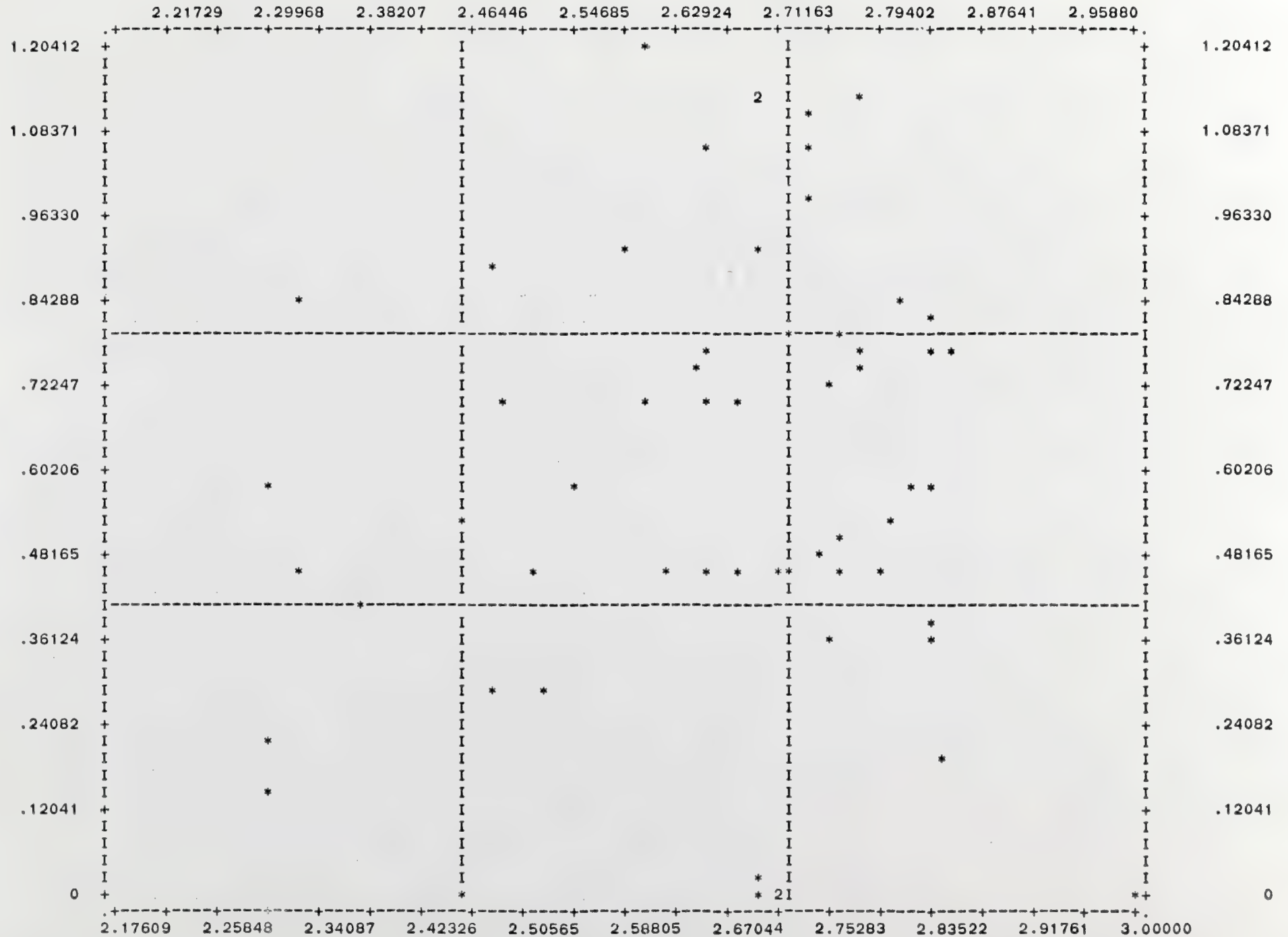


STATISTICS..

CORRELATION (R)-	.21106	R SQUARED -	.04455	SIGNIFICANCE R -	.05428
STD ERR OF EST -	.31899	INTERCEPT (A) -	.20488	STD ERROR OF A -	.24740
SIGNIFICANCE A -	.20553	SLOPE (B) -	.32778	STD ERROR OF B -	.20106
SIGNIFICANCE B -	.05428				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) POTASS (ACROSS) SULFATE

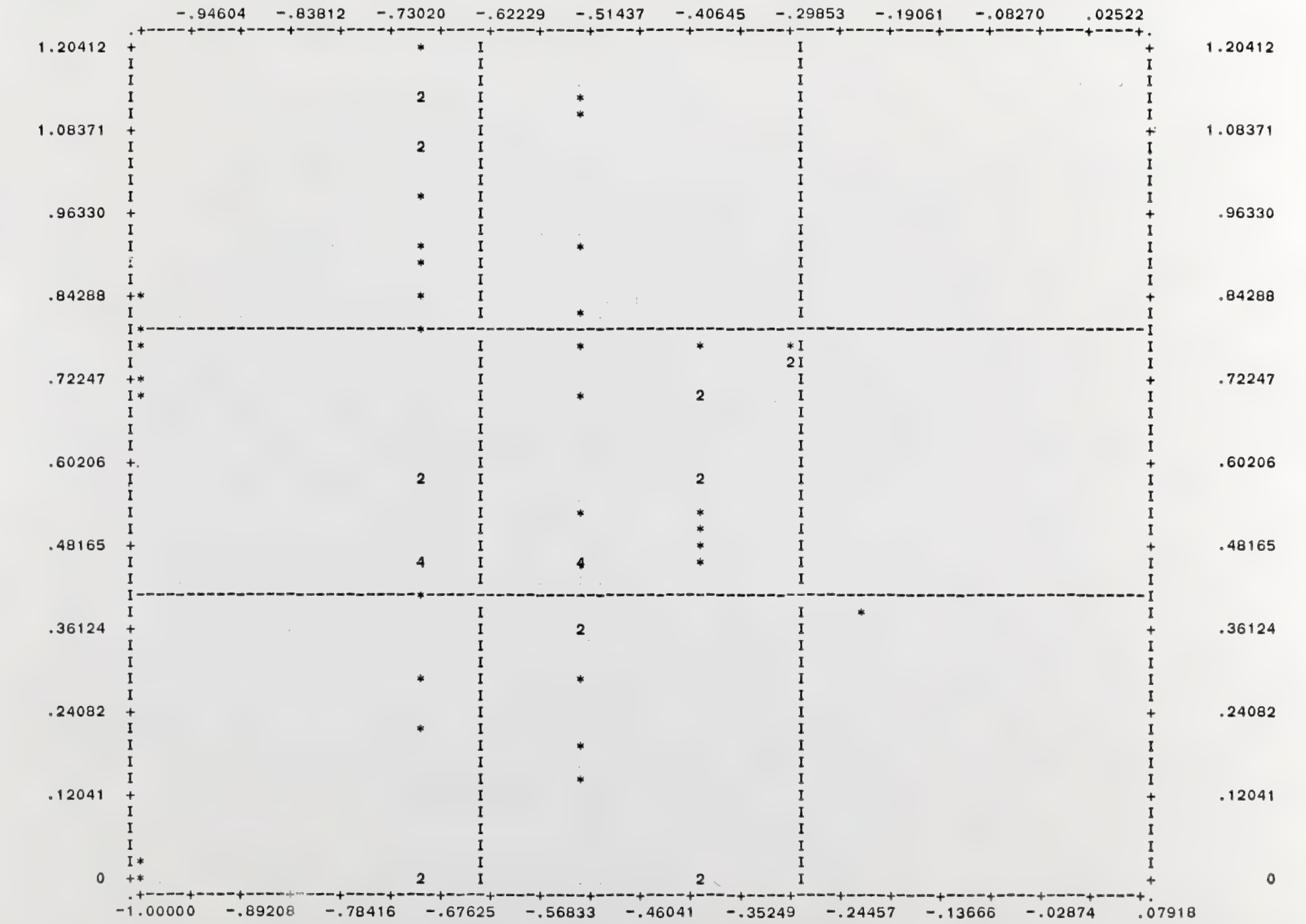


STATISTICS..

CORRELATION (R)-	.10673	R SQUARED -	.01139	SIGNIFICANCE R -	.21052
STD ERR OF EST -	.32448	INTERCEPT (A) -	.03247	STD ERROR OF A -	.70459
SIGNIFICANCE A -	.48170	SLOPE (B) -	.21400	STD ERROR OF B -	.26405
SIGNIFICANCE B -	.21052				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) POTASS (ACROSS) FLUORIDE



STATISTICS..

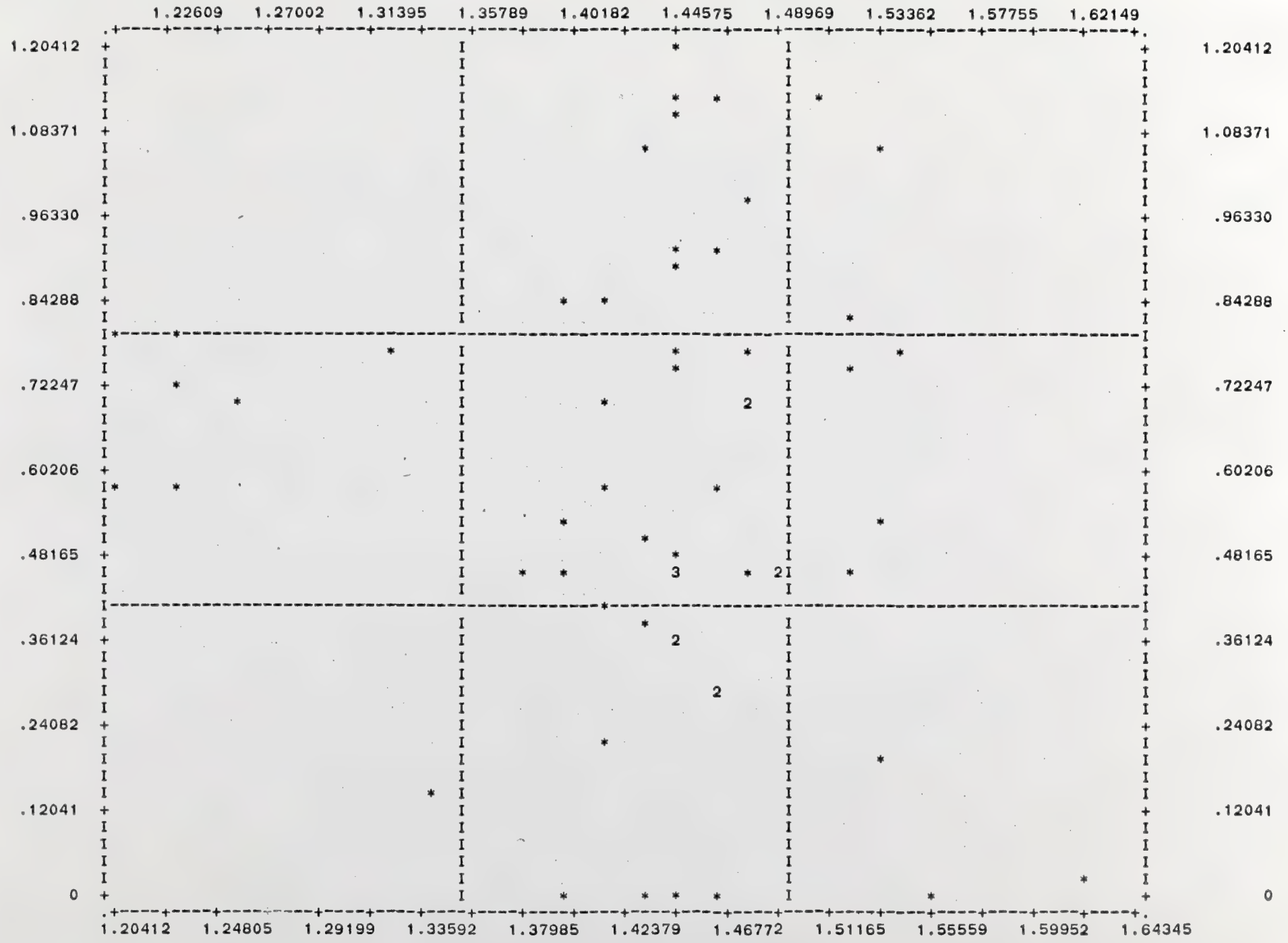
CORRELATION (R)-	-.06507	R SQUARED -	.00423	SIGNIFICANCE R -	.31221
STD ERR OF EST -	.32565	INTERCEPT (A) -	.53853	STD ERROR OF A -	.13666
SIGNIFICANCE A -	.00011	SLOPE (B) -	-.10615	STD ERROR OF B -	.21563
SIGNIFICANCE B -	.31221				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) POTASS (ACROSS) SILICA

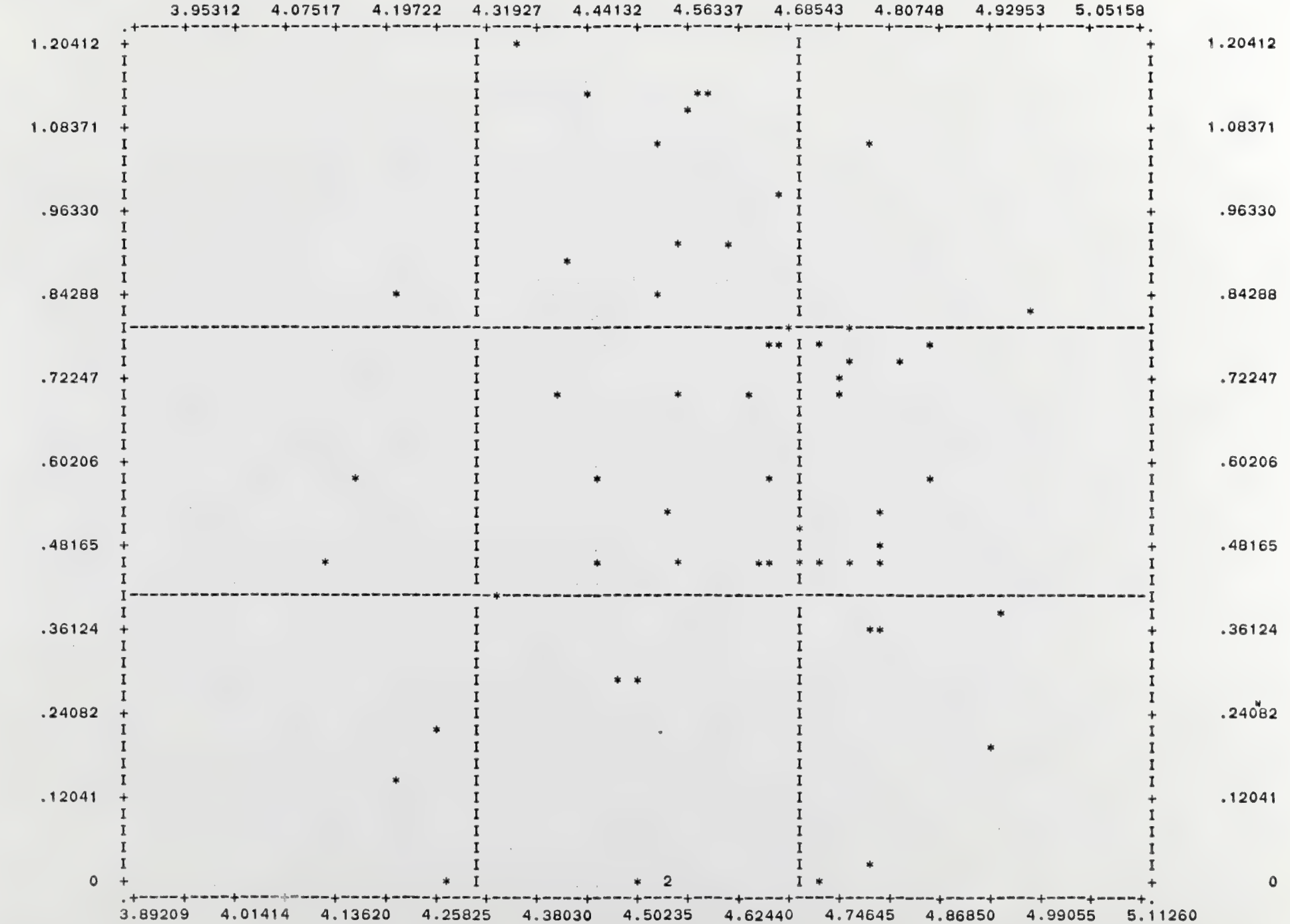


STATISTICS..

CORRELATION (R)-	-.10168	R SQUARED -	.01034	SIGNIFICANCE R -	.22175
STD ERR OF EST -	.32465	INTERCEPT (A) -	1.14775	STD ERROR OF A -	.70787
SIGNIFICANCE A -	.05522	SLOPE (B) -	-.38039	STD ERROR OF B -	.49294
SIGNIFICANCE B -	.22175				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) POTASS (ACROSS) GYPSUM

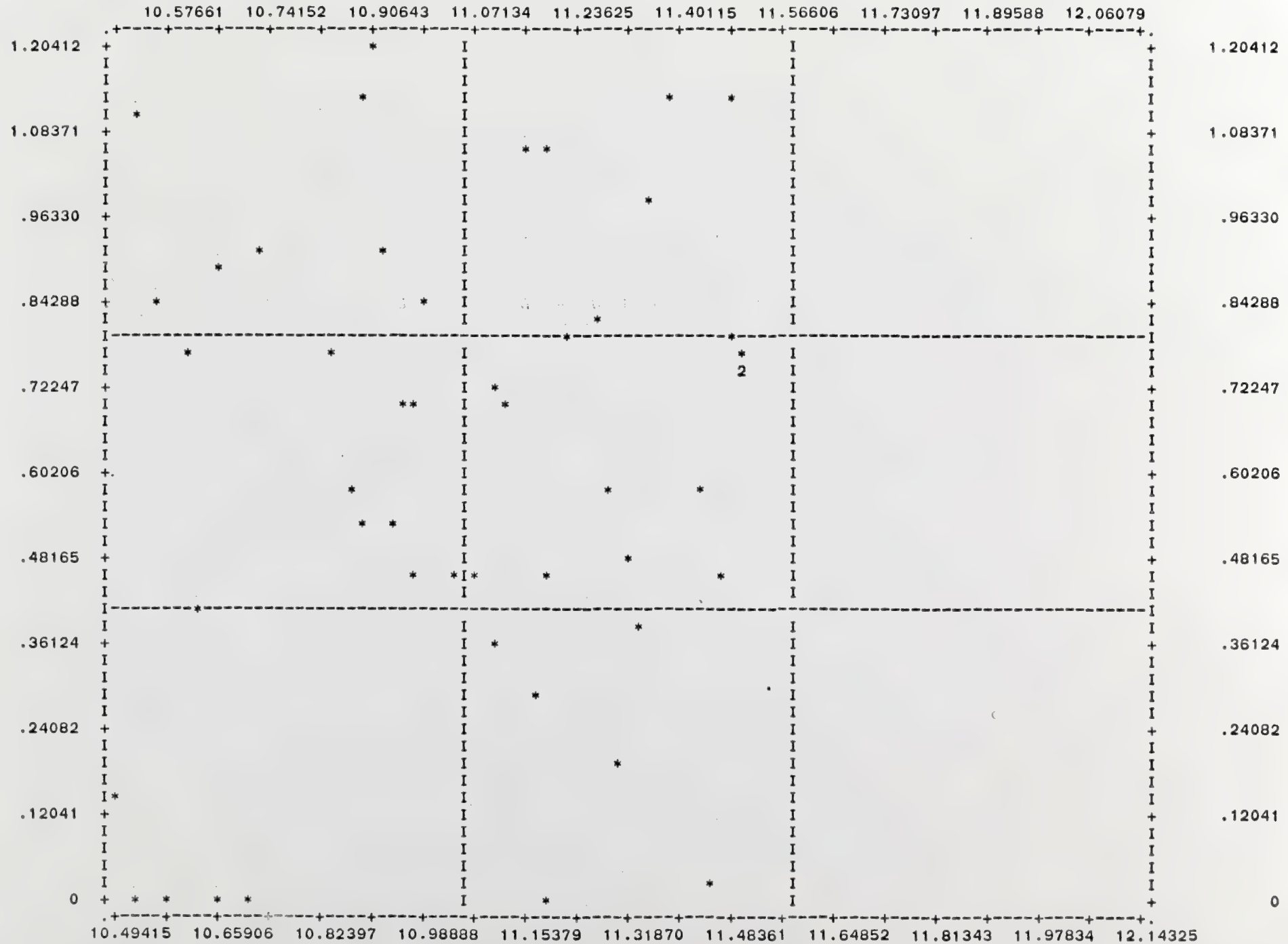


STATISTICS..

CORRELATION (R)-	.04682	R SQUARED -	.00219	SIGNIFICANCE R -	.36236
STD ERR OF EST -	.32599	INTERCEPT (A) -	.25140	STD ERROR OF A -	.99295
SIGNIFICANCE A -	.40052	SLOPE (B) -	.07623	STD ERROR OF B -	.21541
SIGNIFICANCE B -	.36236				
PLOTTED VALUES -	59	EXCLUDED VALUES-	0	MISSING VALUES -	97

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) POTASS (ACROSS) CALCITE



STATISTICS..

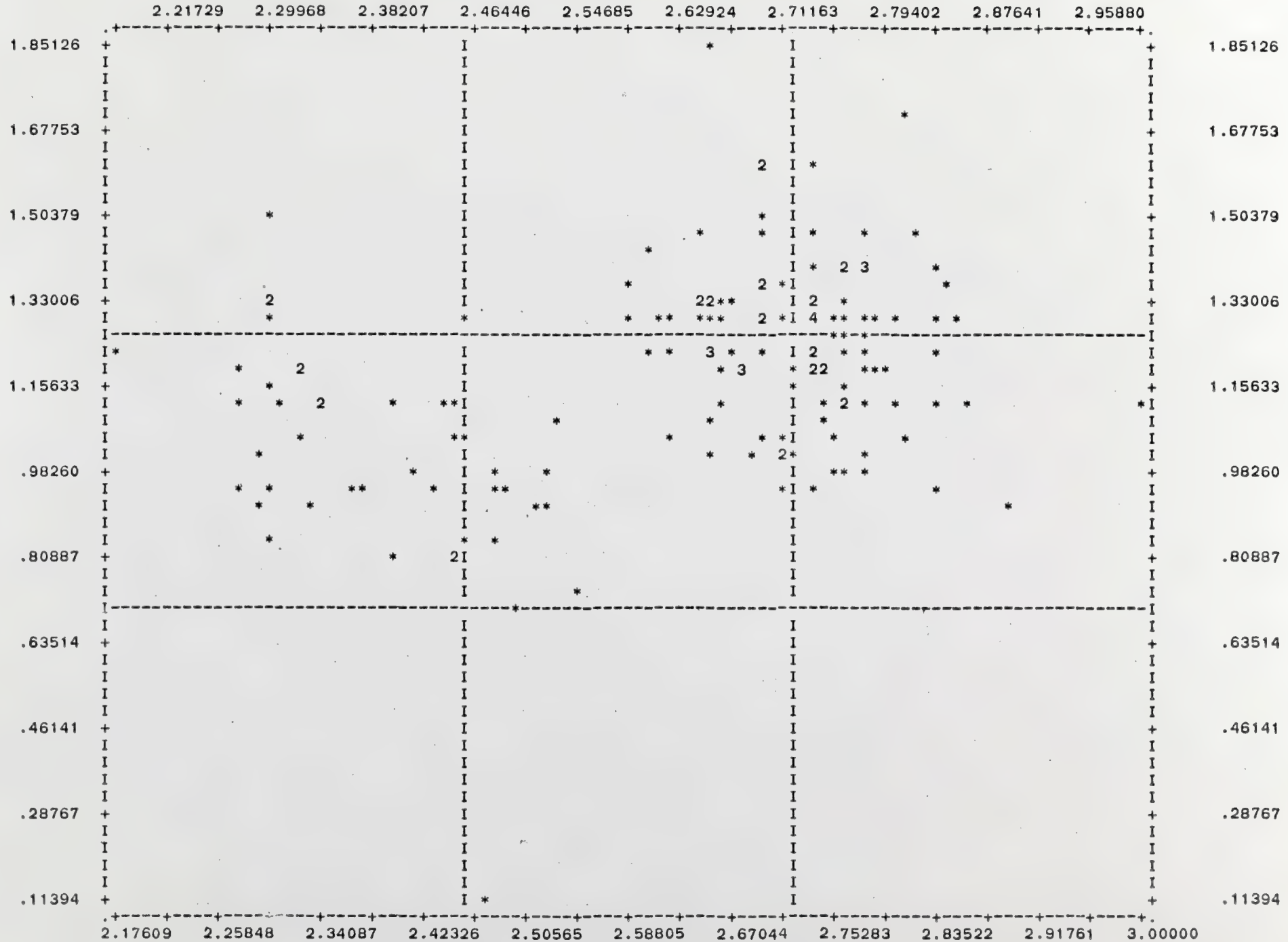
CORRELATION (R)-	.17089	R SQUARED -	.02920	SIGNIFICANCE R -	.12275
STD ERR OF EST -	.34506	INTERCEPT (A) -	-1.48997	STD ERROR OF A -	1.80121
SIGNIFICANCE A -	.20620	SLOPE (B) -	.19168	STD ERROR OF B -	.16294
SIGNIFICANCE B -	.12275				
PLOTTED VALUES -	48	EXCLUDED VALUES-	0	MISSING VALUES -	108

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CHLORIDE (ACROSS) SULFATE



STATISTICS..

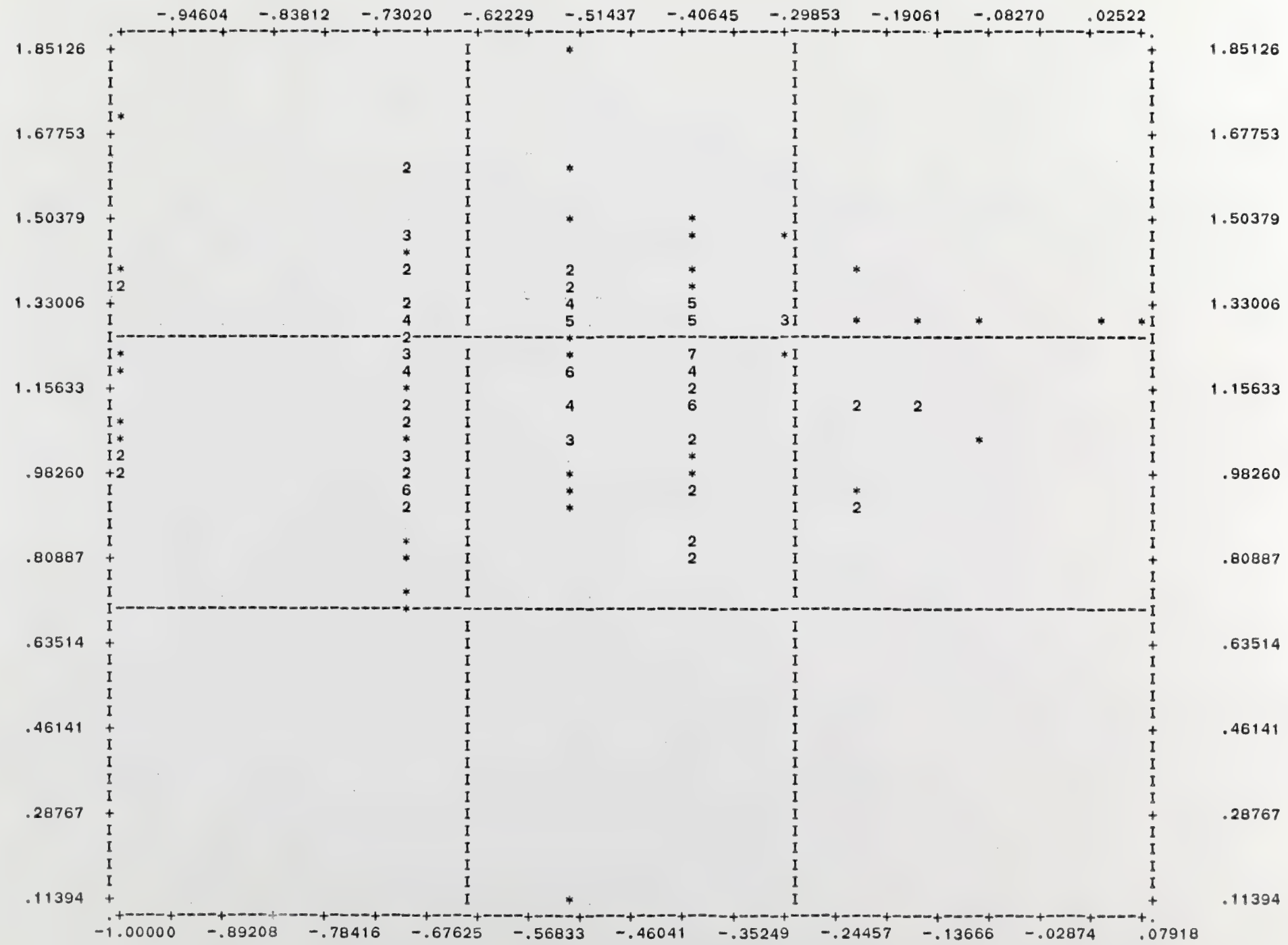
CORRELATION (R)-	.35134	R SQUARED -	.12344	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.19892	INTERCEPT (A) -	.06650	STD ERROR OF A -	.24404
SIGNIFICANCE A -	.39281	SLOPE (B) -	.43098	STD ERROR OF B -	.09255
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CHLORIDE (ACROSS) FLUORIDE



STATISTICS..

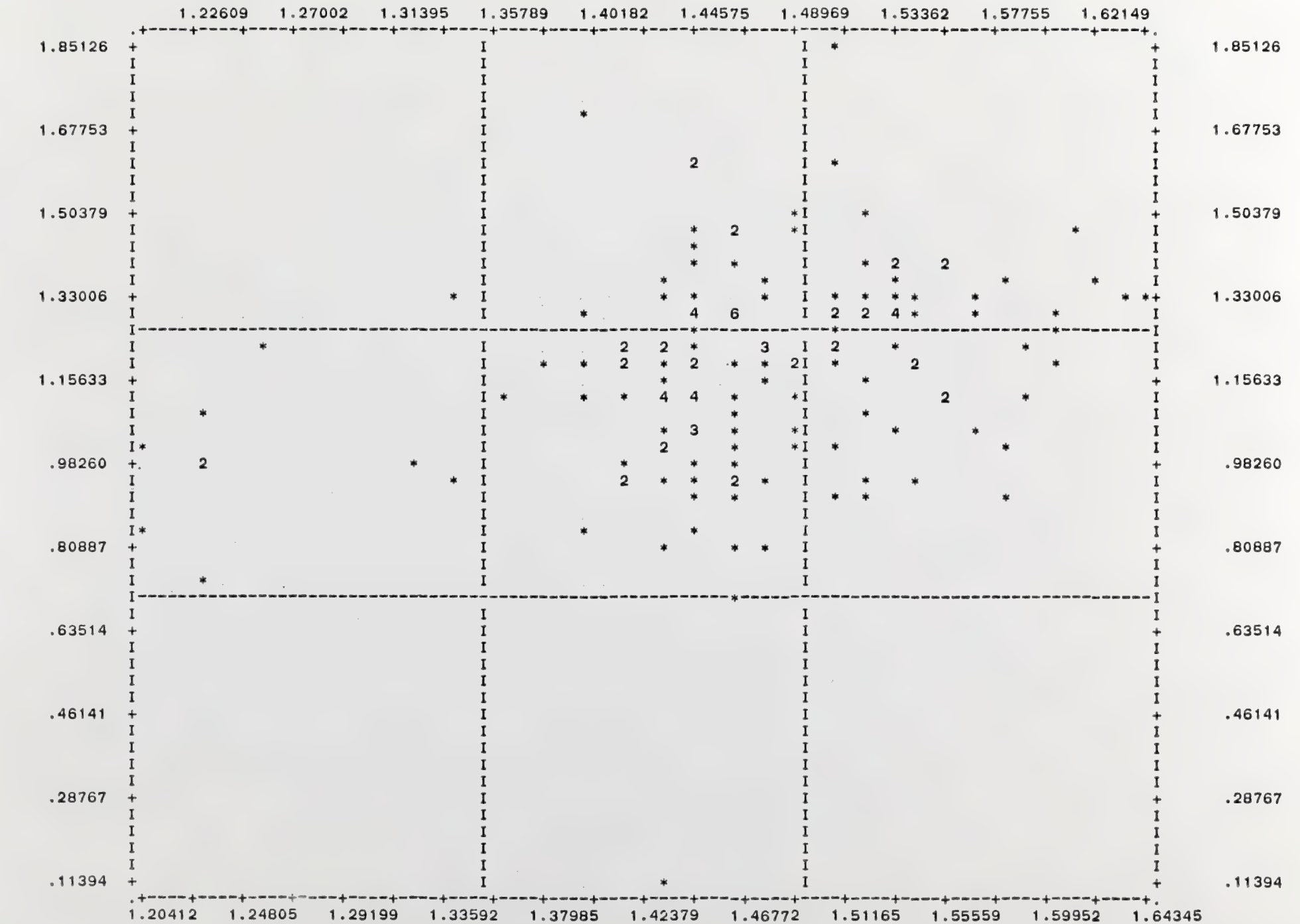
CORRELATION (R)-	.03598	R SQUARED -	.00129	SIGNIFICANCE R -	.32835
STD ERR OF EST -	.21263	INTERCEPT (A) -	1.22061	STD ERROR OF A -	.04601
SIGNIFICANCE A -	.00001	SLOPE (B) -	.03546	STD ERROR OF B -	.07962
SIGNIFICANCE B -	.32835				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3

FILE RBOSPGW (CREATION DATE = 77/02/28.) . RBOSP GROUND WATER BASELINE QUALITY

SCATTERGRAM OF (DOWN) CHLORIDE (ACROSS) SILICA

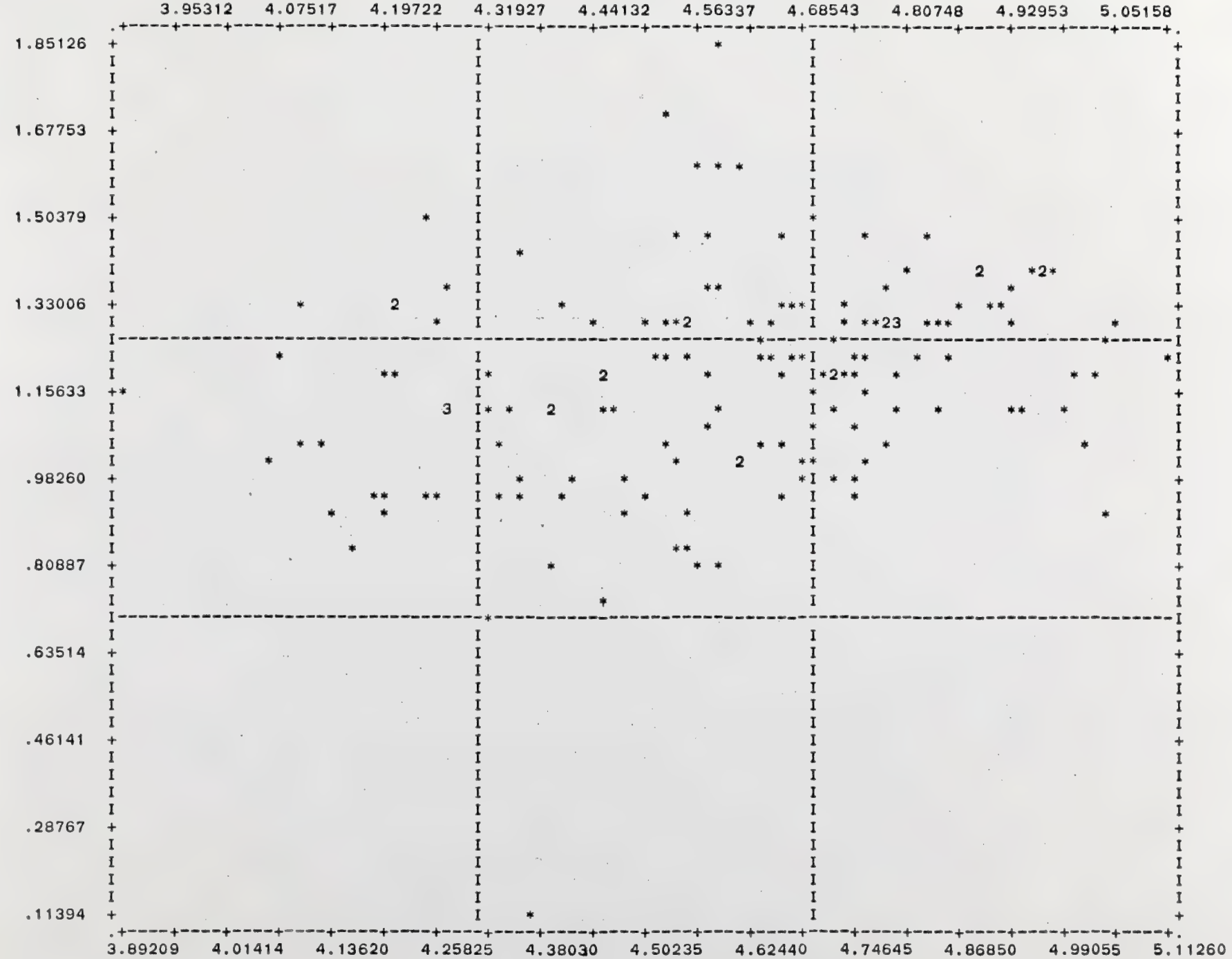


STATISTICS..

CORRELATION (R)-	.29897	R SQUARED -	.08938	SIGNIFICANCE R -	.00008
STD ERR OF EST -	.20275	INTERCEPT (A) -	.01893	STD ERROR OF A -	.30435
SIGNIFICANCE A -	.47524	SLOPE (B) -	.80447	STD ERROR OF B -	.20692
SIGNIFICANCE B -	.00008				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CHLORIDE (ACROSS) GYPSUM

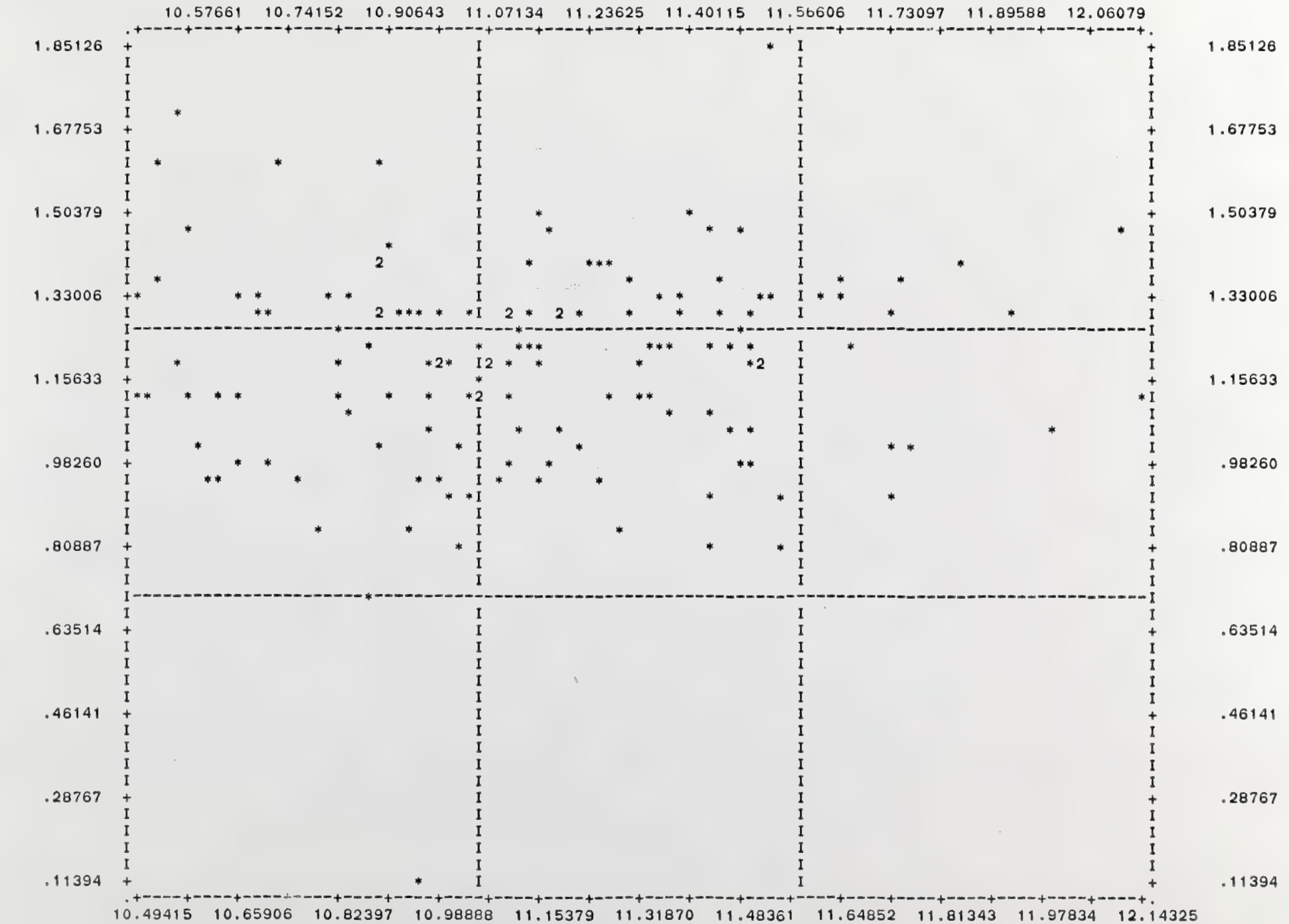


STATISTICS..

CORRELATION (R)-	.28136	R SQUARED -	.07916	SIGNIFICANCE R -	.00019
STD ERR OF EST -	.20388	INTERCEPT (A) -	.10000	STD ERROR OF A -	.30291
SIGNIFICANCE A -	.37087	SLOPE (B) -	.23933	STD ERROR OF B -	.06578
SIGNIFICANCE B -	.00019				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) CHLORIDE (ACROSS) CALCITE

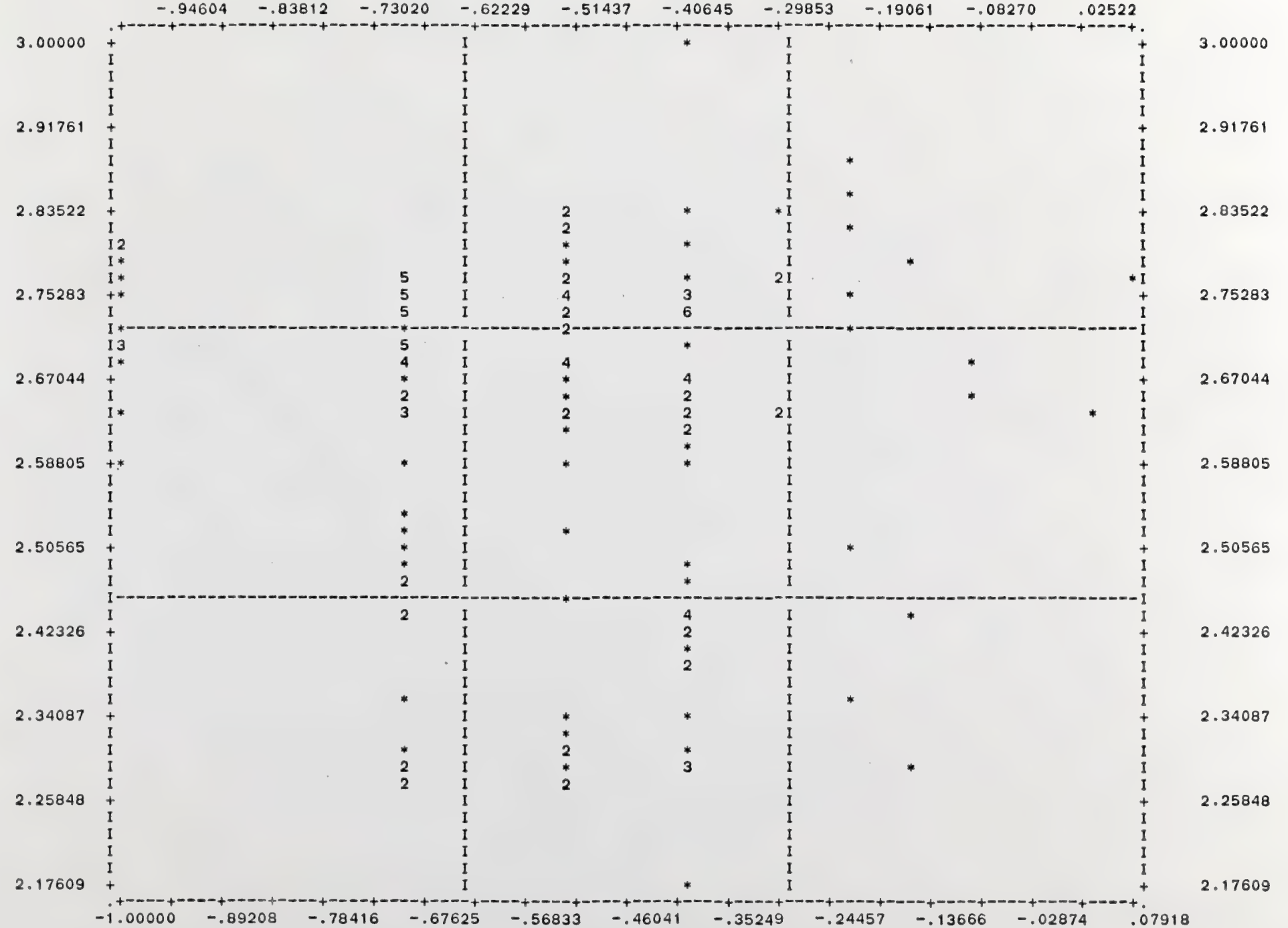


STATISTICS..

CORRELATION (R)-	.03728	R SQUARED -	.00139	SIGNIFICANCE R -	.32809
STD ERR OF EST -	.21408	INTERCEPT (A) -	.95920	STD ERROR OF A -	.55949
SIGNIFICANCE A -	.04431	SLOPE (B) -	.02238	STD ERROR OF B -	.05016
SIGNIFICANCE B -	.32809				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SULFATE (ACROSS) FLUORIDE

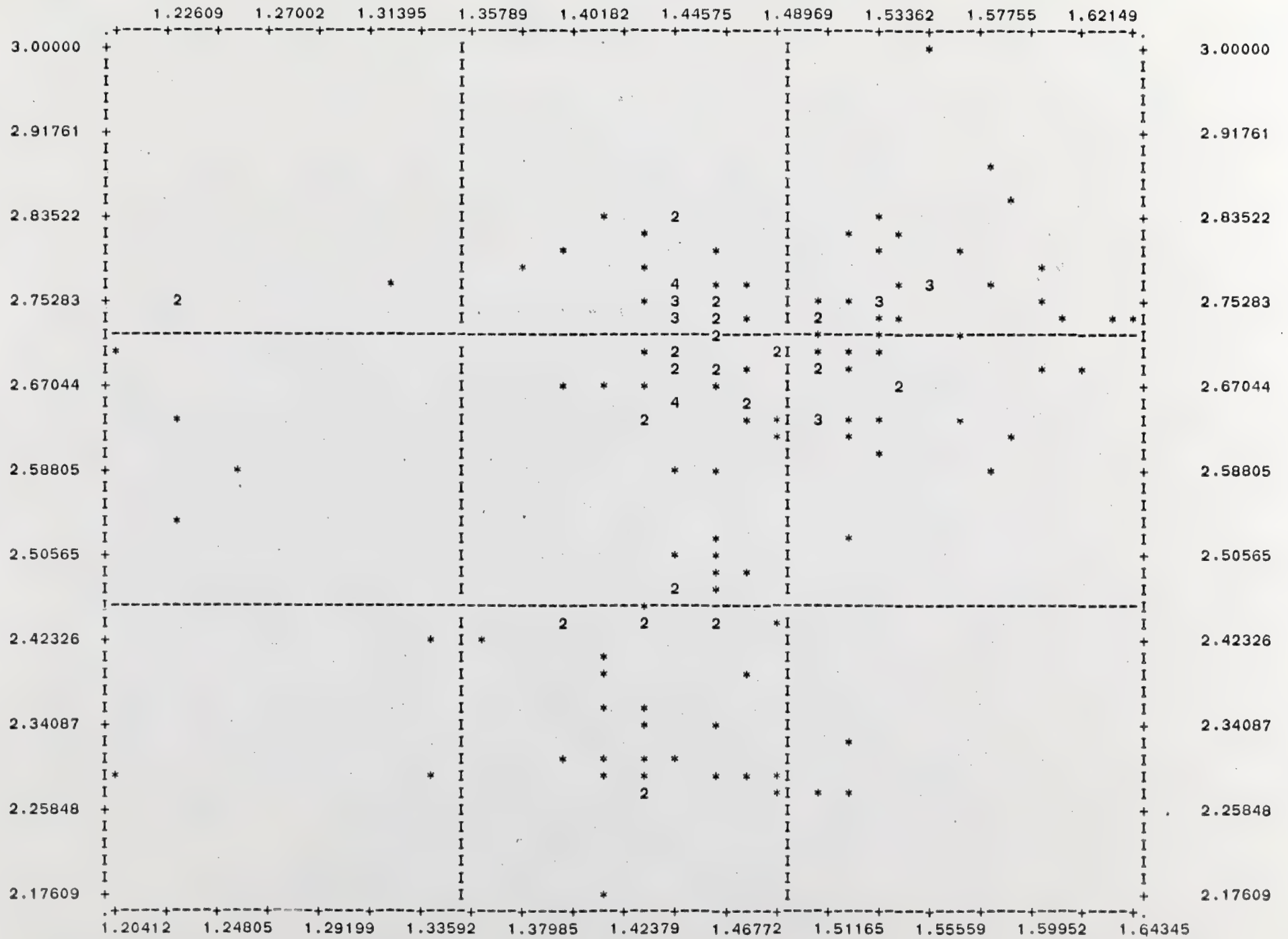


STATISTICS..

CORRELATION (R)-	-.08278	R SQUARED -	.00685	SIGNIFICANCE R -	.15292
STD ERR OF EST -	.17096	INTERCEPT (A) -	2.59824	STD ERROR OF A -	.03699
SIGNIFICANCE A -	.00001	SLOPE (B) -	-.06578	STD ERROR OF B -	.06402
SIGNIFICANCE B -	.15292				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SULFATE (ACROSS) SILICA

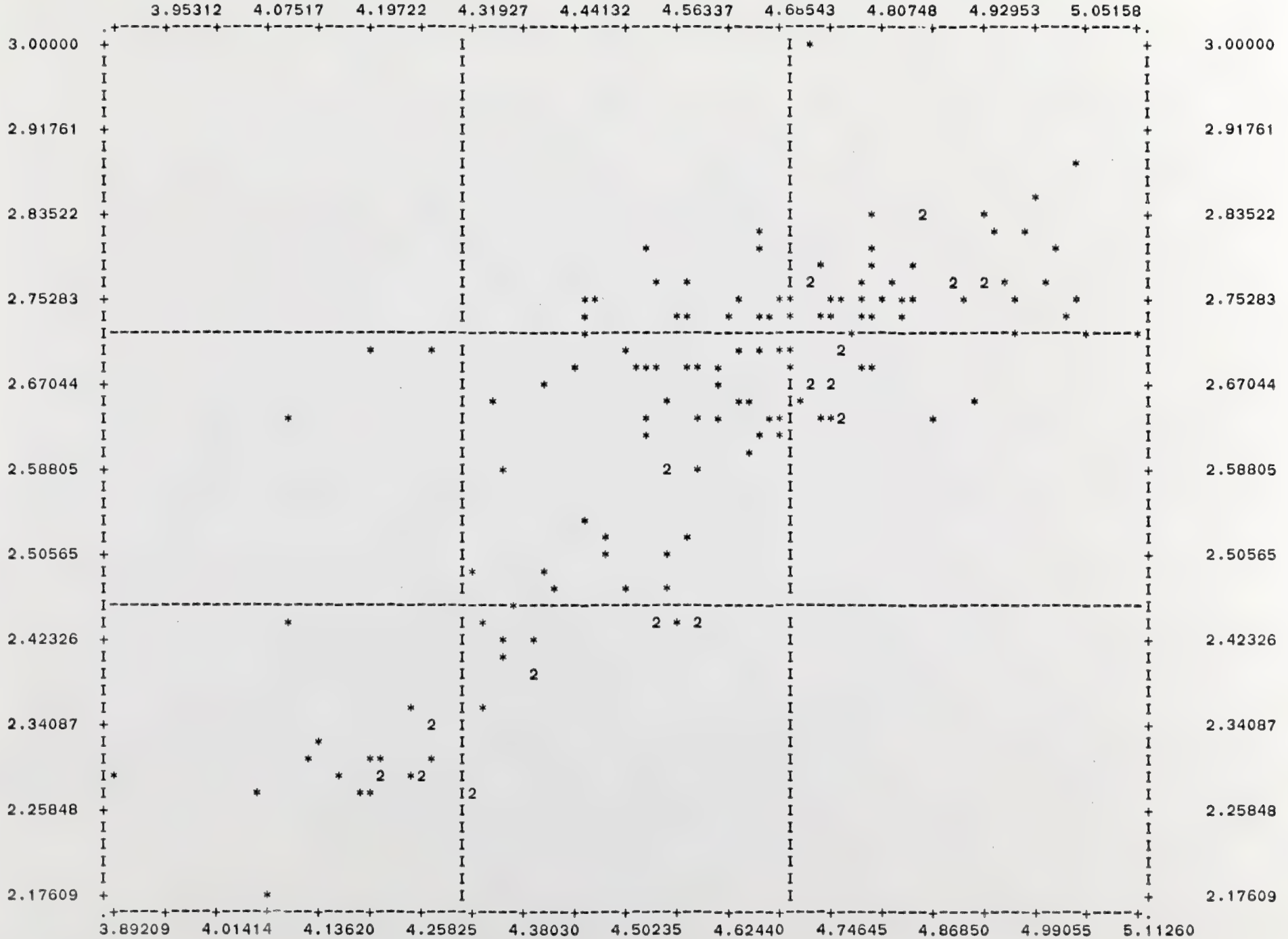


STATISTICS..

CORRELATION (R)-	.28491	R SQUARED -	.08117	SIGNIFICANCE R -	.00016
STD ERR OF EST -	.16602	INTERCEPT (A) -	1.71336	STD ERROR OF A -	.24923
SIGNIFICANCE A -	.00001	SLOPE (B) -	.62497	STD ERROR OF B -	.16944
SIGNIFICANCE B -	.00016				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SULFATE (ACROSS) GYPSUM

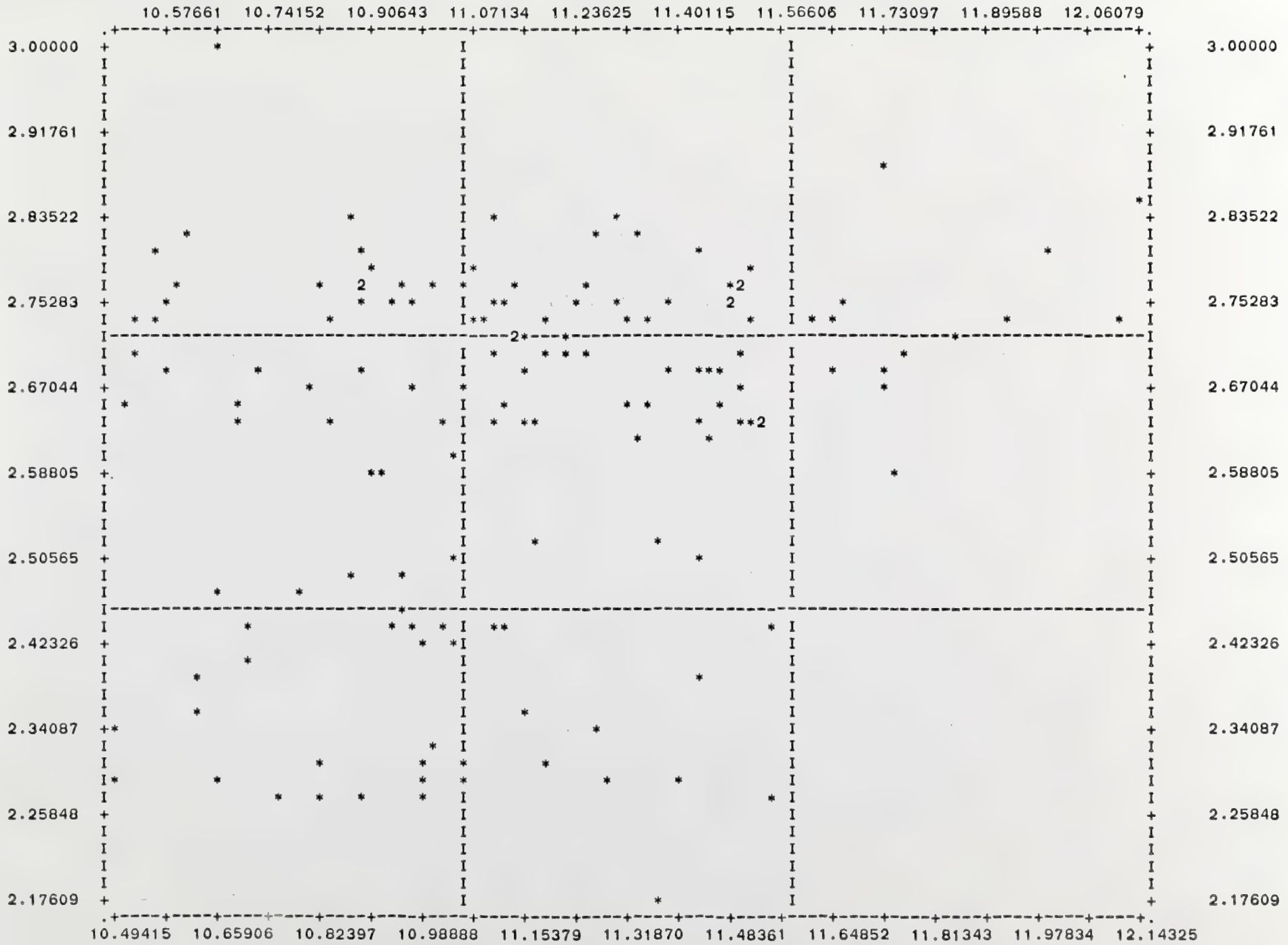


STATISTICS..

CORRELATION (R)-	.79423	R SQUARED -	.63080	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.10524	INTERCEPT (A) -	.09872	STD ERROR OF A -	.15636
SIGNIFICANCE A -	.26437	SLOPE (B) -	.55076	STD ERROR OF B -	.03395
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SULFATE (ACROSS) CALCITE



STATISTICS..

CORRELATION (R)-	.22407	R SQUARED -	.05021	SIGNIFICANCE R -	.00337
STD ERR OF EST -	.17059	INTERCEPT (A) -	1.40561	STD ERROR OF A -	.44584
SIGNIFICANCE A -	.00099	SLOPE (B) -	.10989	STD ERROR OF B -	.03997
SIGNIFICANCE B -	.00337				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

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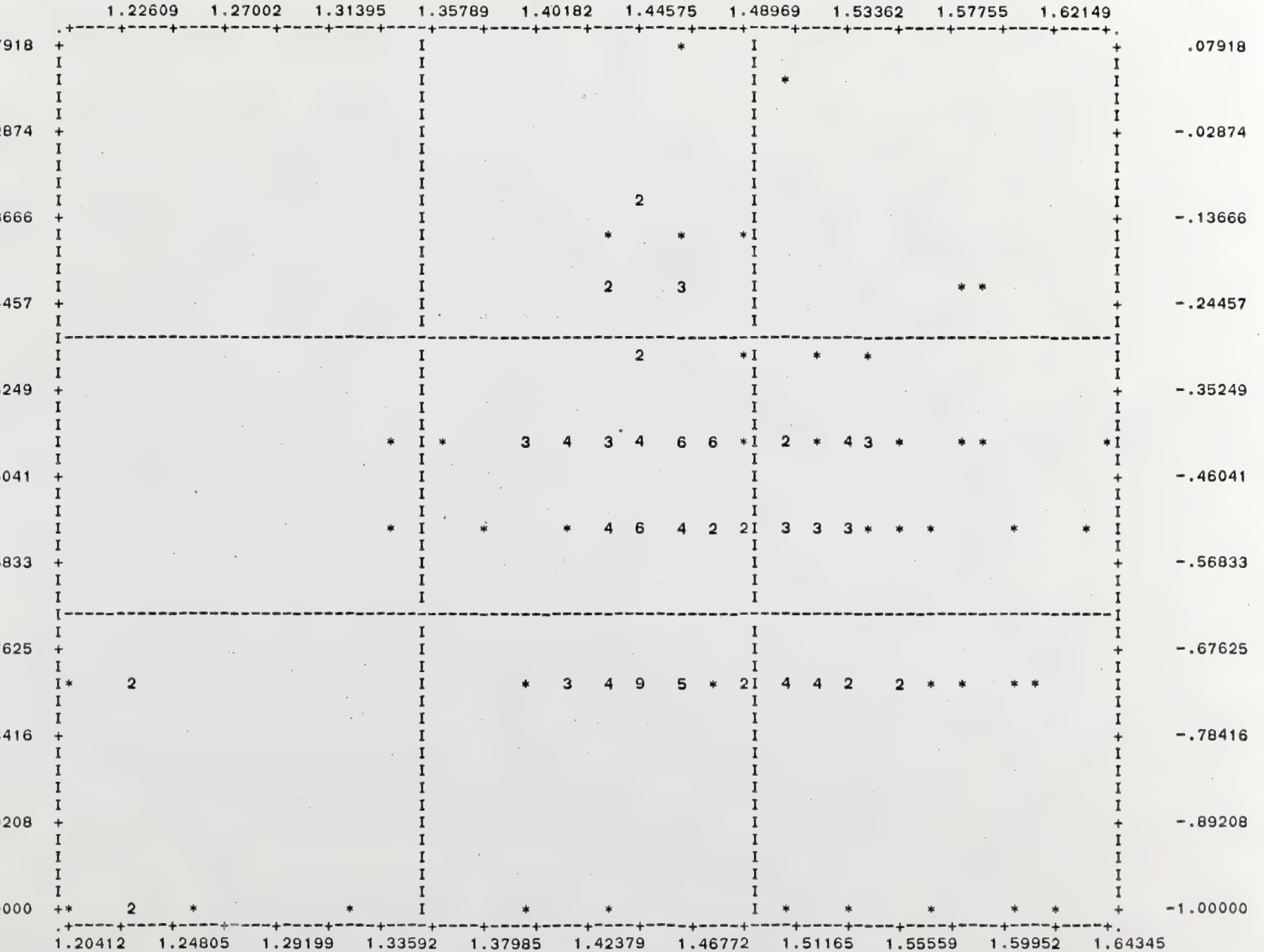
ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) FLUORIDE (ACROSS) SILICA



STATISTICS..

CORRELATION (R)-	.18027	R SQUARED -	.03250	SIGNIFICANCE R -	.01240
STD ERR OF EST -	.21235	INTERCEPT (A) -	-1.25877	STD ERROR OF A -	.31906
SIGNIFICANCE A -	.00006	SLOPE (B) -	.49164	STD ERROR OF B -	.21688
SIGNIFICANCE B -	.01240				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

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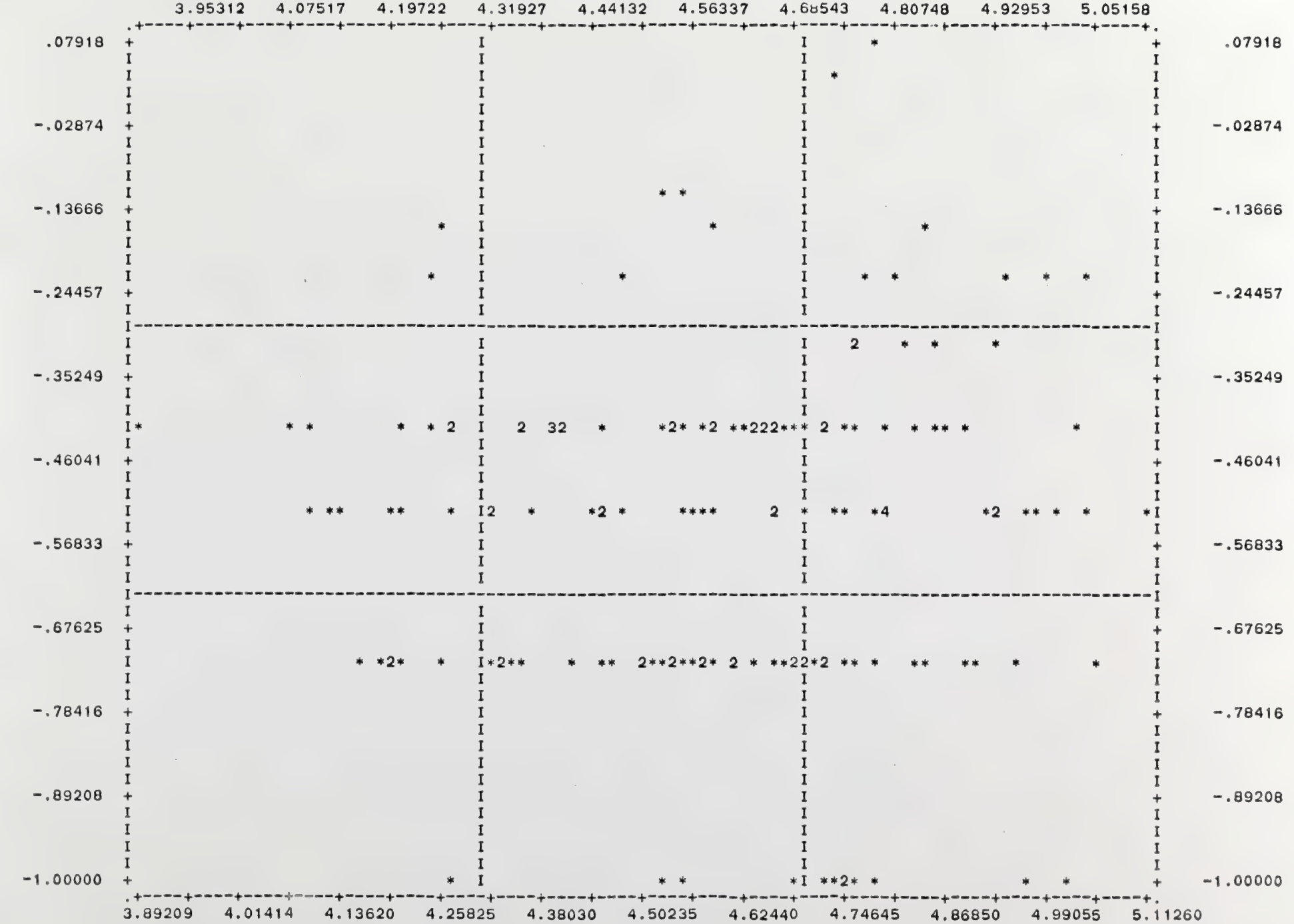
ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) FLUORIDE (ACROSS) GYPSUM



STATISTICS..

CORRELATION (R)-	.00212	R SQUARED -	.00000	SIGNIFICANCE R -	.48957
STD ERR OF EST -	.21589	INTERCEPT (A) -	-.54504	STD ERROR OF A -	.32581
SIGNIFICANCE A -	.04820	SLOPE (B) -	.00185	STD ERROR OF B -	.07070
SIGNIFICANCE B -	.48957				
PLOTTED VALUES -	155	EXCLUDED VALUES-	0	MISSING VALUES -	1

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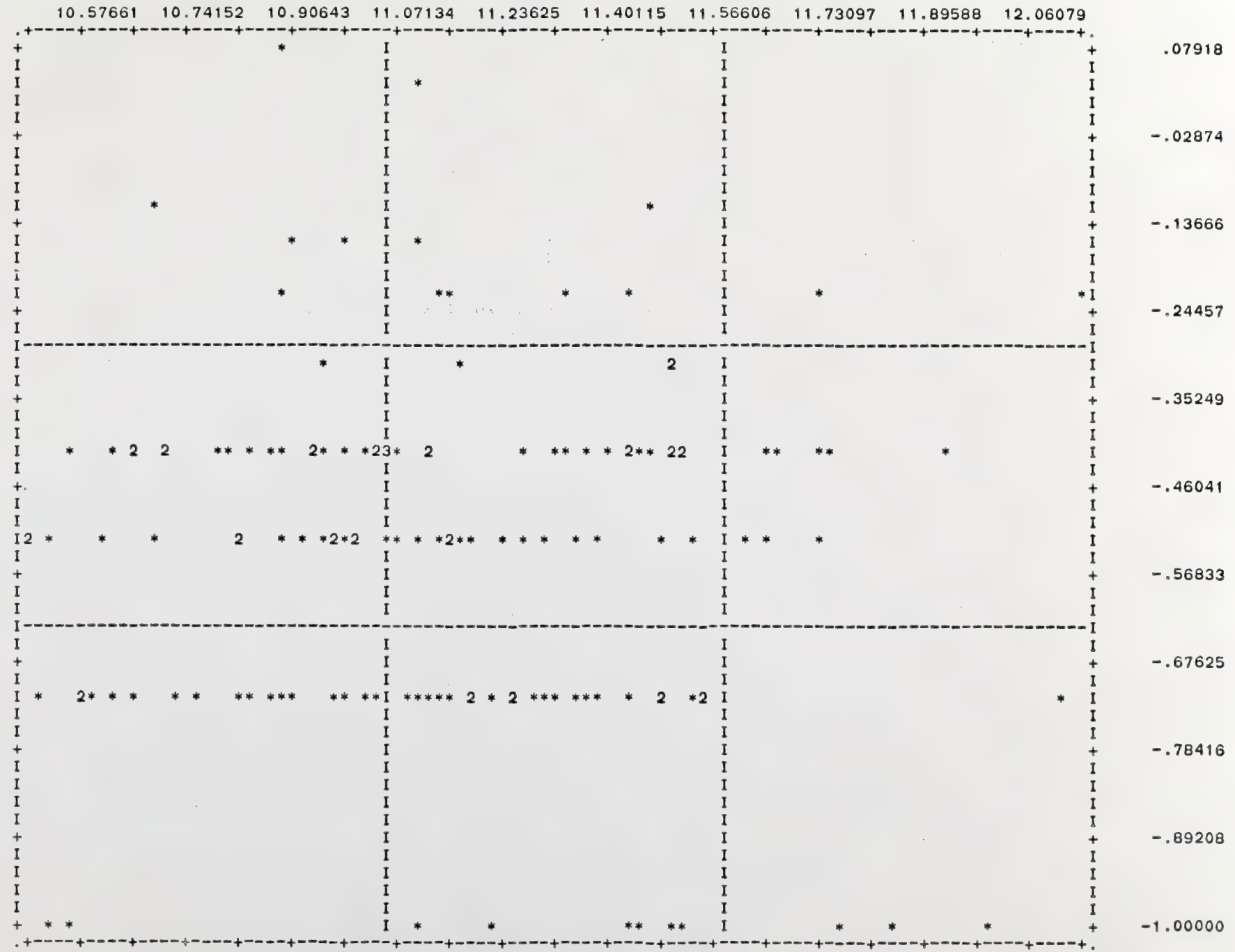
ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) FLUORIDE (ACROSS) CALCITE



STATISTICS..

CORRELATION (R)-	-.04254	R SQUARED -	.00181	SIGNIFICANCE R -	.30632
STD ERR OF EST -	.21662	INTERCEPT (A) -	-.24160	STD ERROR OF A -	.56731
SIGNIFICANCE A -	.33542	SLOPE (B) -	-.02580	STD ERROR OF B -	.05085
SIGNIFICANCE B -	.30632				
PLOTTED VALUES -	144	EXCLUDED VALUES-	0	MISSING VALUES -	12

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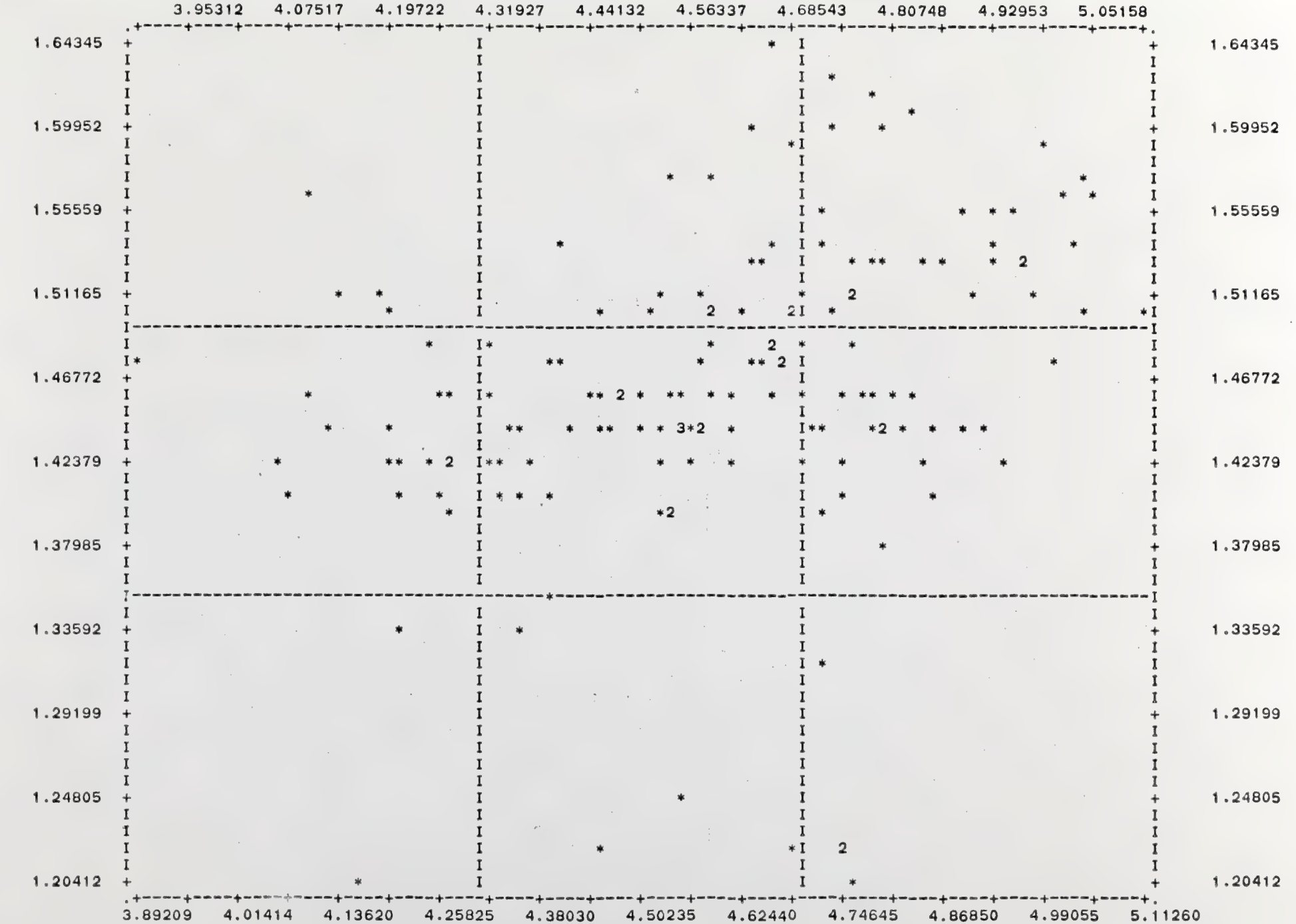
ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SILICA (ACROSS) GYPSUM



STATISTICS..

CORRELATION (R)-	.29681	R SQUARED -	.08810	SIGNIFICANCE R -	.00008
STD ERR OF EST -	.07540	INTERCEPT (A) -	1.03734	STD ERROR OF A -	.11202
SIGNIFICANCE A -	.00001	SLOPE (B) -	.09383	STD ERROR OF B -	.02433
SIGNIFICANCE B -	.00008				
PLOTTED VALUES -	156	EXCLUDED VALUES-	0	MISSING VALUES -	0

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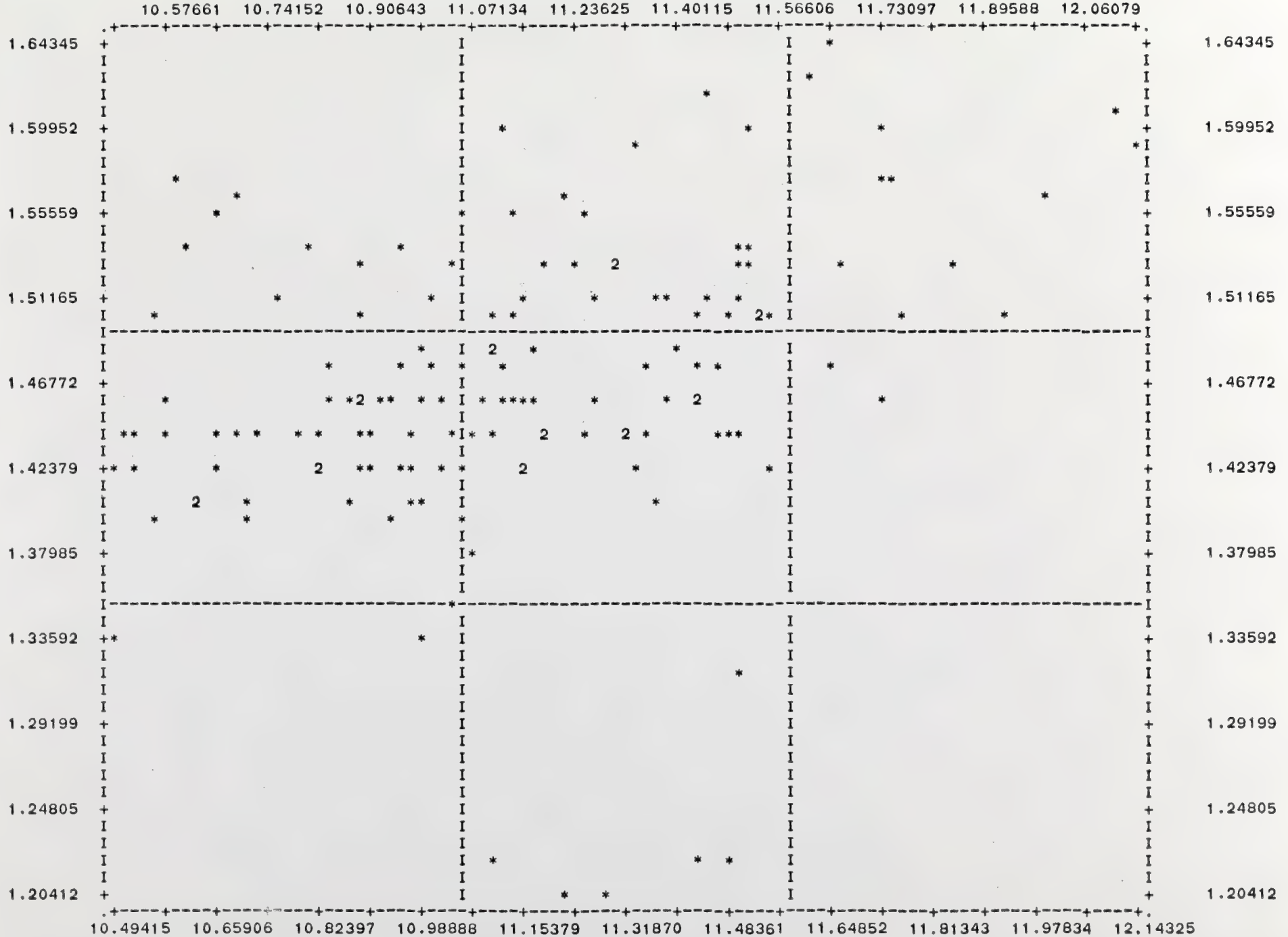
ALLUVIAL AQUIFER (3) METHOD 3
FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) SILICA (ACROSS) CALCITE

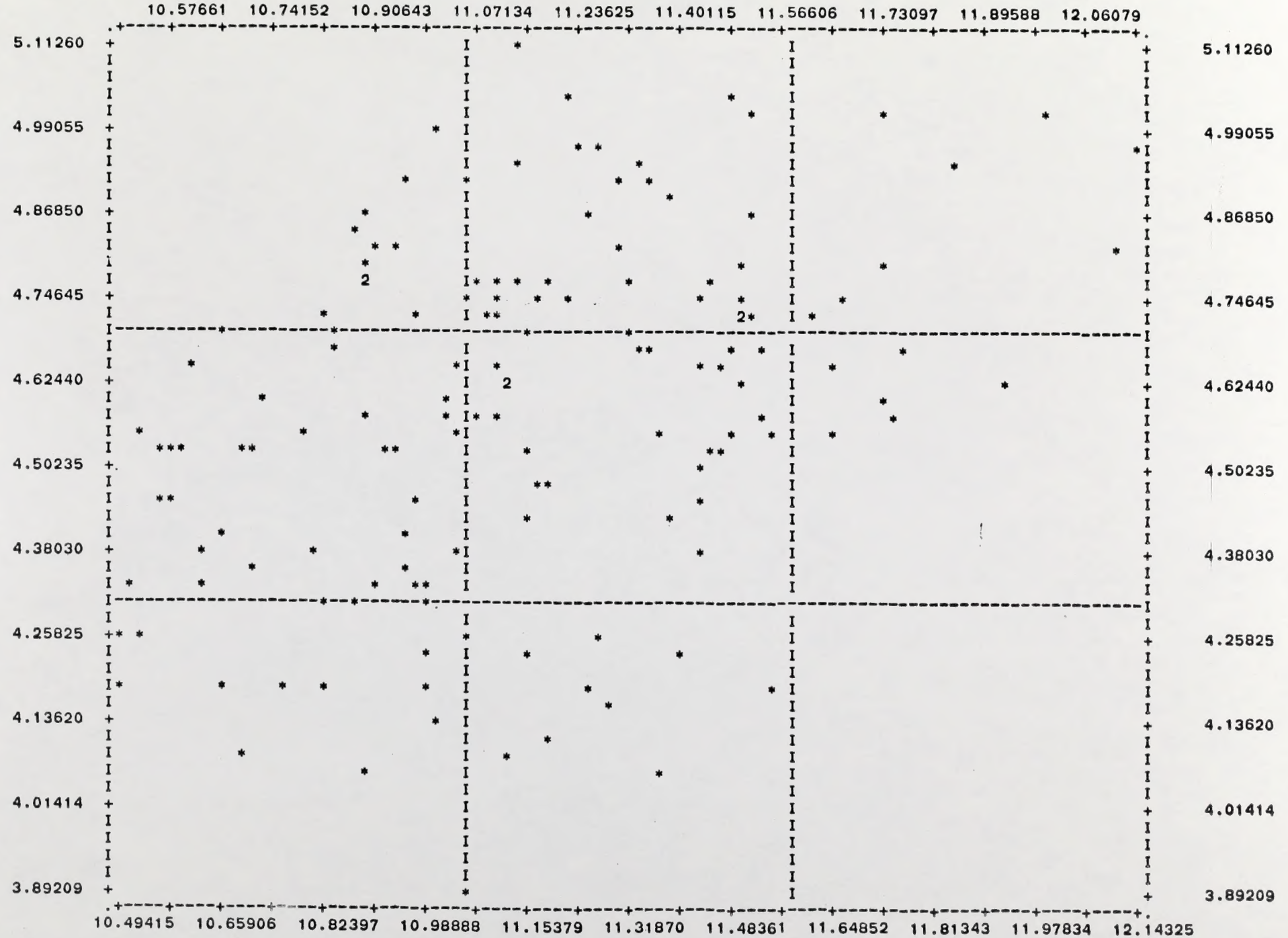


STATISTICS..

CORRELATION (R)-	.29611	R SQUARED -	.08768	SIGNIFICANCE R -	.00015
STD ERR OF EST -	.07328	INTERCEPT (A) -	.76313	STD ERROR OF A -	.19151
SIGNIFICANCE A -	.00005	SLOPE (B) -	.06365	STD ERROR OF B -	.01717
SIGNIFICANCE B -	.00015				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

******** IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED.

FILE RBOSPGW (CREATION DATE = 77/02/28.) RBOSP GROUND WATER BASELINE QUALITY
SCATTERGRAM OF (DOWN) GYPSUM (ACROSS) CALCITE



STATISTICS..

CORRELATION (R)-	.38462	R SQUARED -	.14793	SIGNIFICANCE R -	.00001
STD ERR OF EST -	.23534	INTERCEPT (A) -	1.53295	STD ERROR OF A -	.61506
SIGNIFICANCE A -	.00692	SLOPE (B) -	.27475	STD ERROR OF B -	.05514
SIGNIFICANCE B -	.00001				
PLOTTED VALUES -	145	EXCLUDED VALUES-	0	MISSING VALUES -	11

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Form 1279–3
(June 1984)

BORROWER

TN 859 .C64 R54
. sect.1.2
Progress report
C-a oil shale

DATE LOANED	BORROWER

USDI – BLM